

scope of testing	parameter	code of the norm	title of the norm	accredited
corn silage	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
corn silage	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
corn silage	pH value	VDLUFA III 18.1; 1976	Determination of pH (in silage)	yes
corn silage	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
corn silage	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	ADFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	aNDFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	ADL	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Hemicellulose	berechnet	Result calculated from available values	no
corn silage	Hemicellulose percentage of total fibre	berechnet	Result calculated from available values	no
corn silage	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Stable starch	berechnet	Result calculated from available values	no
corn silage	Total sugars	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	ESOM	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
corn silage	Structure value	berechnet	Result calculated from available values	no
corn silage	ME-Cattle	Ber. gem. GfE 2020	Energy calculation for maize products	no
corn silage	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
corn silage	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
corn silage	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
corn silage	NFC (Non-Fibre Carbohydrates)	berechnet	Result calculated from available values	no
corn silage	Organic matter digestibility (OMD)	Ber. gem. GfE 2020	Energy calculation for maize products	no
corn silage	Gross Energy (GE)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
corn silage	Metabolizable Energy (ME)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
corn silage	sidP (small intestinal digestible Protein)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no

scope of testing	parameter	code of the norm	title of the norm	accredited
corn silage	sidLys (small intestinal digestible Lys)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
corn silage	sidMet (small intestinal digestible Met)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
corn silage	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
corn silage	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
corn silage	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
corn silage	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
corn silage	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
CSPS	Sieve analysis over 4,75 mm	LUFA Nord-West 1/3-213; 2016	Sieve analysis of CCM samples	no
CSPS	Sieve analysis 1,18 - 4,75 mm	LUFA Nord-West 1/3-213; 2016	Sieve analysis of CCM samples	no
CSPS	Sieve analysis under 1,18 mm	LUFA Nord-West 1/3-213; 2016	Sieve analysis of CCM samples	no
CSPS	CSPS	Dave Mertens; USDAFRC	Corn Silage Processing Score	no
CCM	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
CCM	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
CCM	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
CCM	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
CCM	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
CCM	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
CCM	Methionine & Cystine	Ber. gemäß AMINODat® 5.0; 2016	Result calculated from available values according to AminoDat 5.0	no
CCM	Threonine	Ber. gemäß AMINODat® 5.0; 2016	Result calculated from available values according to AminoDat 5.0	no
CCM	Valine	Ber. gemäß AMINODat® 5.0; 2016	Result calculated from available values according to AminoDat 5.0	no
CCM	Tryptophan	Ber. gemäß AMINODat® 5.0; 2016	Result calculated from available values according to AminoDat 5.0	no
CCM	Stable starch	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
CCM	ME-Pig	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
CCM	ME-Cattle	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no

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CCM	NEL (Net-energy-lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
CCM	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
CCM	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
CCM	Lysine	Ber. gemäß AMINODat® 1.0; 1996	Result calculated from available values according to AminoDat 1.0	no
CCM	Gross Energy (GE)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
CCM	Metabolizable Energy (ME)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
CCM	sidP (small intestinal digestible Protein)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
CCM	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
CCM	Organic matter digestibility (OMD)	DLG-Tabelle 2025	OMD table value 2025	no
CCM	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
CCM	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
CCM	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
CCM	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
fresh grass	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
fresh grass	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
fresh grass	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
fresh grass	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	ADFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	aNDFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	Hemicellulose	berechnet	Result calculated from available values	no
fresh grass	Hemicellulose percentage of total fibre	berechnet	Result calculated from available values	no
fresh grass	Gas production	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	Total sugars	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes

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fresh grass	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
fresh grass	Sand	berechnet	Result calculated from available values	no
fresh grass	NFC (Non-Fibre Carbohydrates)	berechnet	Result calculated from available values	no
fresh grass	ME-Cattle	Ber. gem. GfE 2008 (HFT)	Energy calculation according to HFT for Grs	no
fresh grass	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
fresh grass	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
fresh grass	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
fresh grass	Organic matter digestibility (OMD)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	Gross Energy (GE)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	Metabolizable Energy (ME)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	sidP (small intestinal digestible Protein)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	sidLys (small intestinal digestible Lys)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	sidMet (small intestinal digestible Met)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	RMD (Rumen Microbial Difference)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
fresh grass	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
fresh grass	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
fresh grass	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
fresh grass	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
hay	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
hay	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
hay	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes

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hay	ADFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	aNDFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Gas production	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Total sugars	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
hay	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
hay	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
hay	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
hay	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
hay	Hemicellulose	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
hay	Hemicellulose percentage of total fibre	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
hay	Sand	berechnet	Result calculated from available values	no
hay	Structure value	berechnet	Result calculated from available values	no
hay	NFC (Non-Fibre Carbohydrates)	berechnet	Result calculated from available values	no
hay	ME-Cattle	Ber. gem. GfE 2008 (HFT)	Energy calculation according to HFT for Grs	no
hay	Organic matter digestibility (OMD)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	Gross Energy (GE)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	Metabolizable Energy (ME)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	sidP (small intestinal digestible Protein)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	sidLys (small intestinal digestible Lys)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	sidMet (small intestinal digestible Met)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	RMD (Rumen Microbial Difference)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
hay	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
hay	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no

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hay	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
hay	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal barley	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal barley	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal barley	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal barley	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal barley	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal barley	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal barley	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal barley	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
cereal barley	ME Pig	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal barley	ME Cattle	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal barley	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal barley	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal barley	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal barley	Lysine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Methionine & Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Methionine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Threonine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Tryptophan	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal barley	Gross Energy (GE)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal barley	Metabolizable Energy (ME)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal barley	sidP (small intestinal digestible Protein)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal barley	sidLys (small intestinal digestible Lys)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no

scope of testing	parameter	code of the norm	title of the norm	accredited
cereal barley	sidMet (small intestinal digestible Met)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal barley	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal barley	Organic matter digestibility (OMD)	DLG-Tabelle 2025	OMD table value 2025	no
cereal barley	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal barley	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal barley	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal barley	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
whole-crop cereal silage	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
whole-crop cereal silage	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
whole-crop cereal silage	pH value	VDLUFA III 18.1; 1976	Determination of pH (in silage)	yes
whole-crop cereal silage	Dry matter	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	ADFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	aNDFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
whole-crop cereal silage	NFC (Non-Fibre Carbohydrates)	berechnet	Result calculated from available values	no
whole-crop cereal silage	ME-Cattle	Schätzggleichung nach AIPLE; 1999	ME-Beef GPS	no
whole-crop cereal silage	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
whole-crop cereal silage	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
whole-crop cereal silage	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no

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grass silage	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
grass silage	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
grass silage	pH value	VDLUFA III 18.1; 1976	Determination of pH (in silage)	yes
grass silage	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
grass silage	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	ADFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	aNDFom	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	ADL	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Hemicellulose	berechnet	Result calculated from available values	no
grass silage	Hemicellulose percentage of total fibre	berechnet	Result calculated from available values	no
grass silage	Gas production	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Total sugars	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	NFC (Non-Fibre Carbohydrates)	berechnet	Result calculated from available values	no
grass silage	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Sand	berechnet	Result calculated from available values	no
grass silage	Structure value	berechnet	Result calculated from available values	no
grass silage	ME-Cattle	Ber. gem. GfE 2008 (HFT)	Energy calculation according to HFT for Grs	no
grass silage	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
grass silage	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
grass silage	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
grass silage	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
grass silage	True protein (Barnstein)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	Proportion of true protein in crude protein (Barnstein)	berechnet	Result calculated from available values	no
grass silage	A (NPN)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	B1 (True soluble Protein)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes

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grass silage	B2 (True Insoluble Protein)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	B3 (Neutral detergent soluble protein)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	C (Insoluble in acid detergent)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
grass silage	UDP 2	berechnet	Result calculated from available values	no
grass silage	UDP 5	berechnet	Result calculated from available values	no
grass silage	UDP 8	berechnet	Result calculated from available values	no
grass silage	Organic matter digestibility (OMD)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	RMD (Rumen Microbial Difference)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	Gross Energy (GE)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	Metabolizable Energy (ME)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	sidP (small intestinal digestible Protein)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	sidLys (small intestinal digestible Lys)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	sidMet (small intestinal digestible Met)	berechnet nach GFE 2023	Calculation of gross energy, ME beef and OMD grass products	no
grass silage	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
grass silage	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
grass silage	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
grass silage	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal rye	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal rye	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal rye	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
cereal rye	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal rye	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal rye	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes

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cereal rye	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal rye	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal rye	ME-Pig	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal rye	Lysine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	Methionine & Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	Methionine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	Tryptophan	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	Threonine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal rye	ME-Cattle	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal rye	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal rye	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal rye	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal rye	Organic matter digestibility (OMD)	DLG-Tabelle 2025	OMD table value 2025	no
cereal rye	Gross Energy (GE)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	Metabolizable Energy (ME)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	sidP (small intestinal digestible Protein)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	sidMet (small intestinal digestible Met)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	sidLys (small intestinal digestible Lys)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal rye	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal rye	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal rye	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no

scope of testing	parameter	code of the norm	title of the norm	accredited
cereal rye	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
TMR	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
TMR	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
TMR	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
TMR	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	ADFoM	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	aNDFoM	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	Total sugars	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
TMR	pH value	VDLUFA III 18.1; 1976	Determination of pH (in silage)	yes
TMR	ME-Cattle	Ber. gem. GfE 2003	Energy calculation TMR	no
TMR	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
TMR	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
TMR	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal tritcale	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal tritcale	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal tritcale	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
cereal tritcale	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal tritcale	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal tritcale	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal tritcale	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal tritcale	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal tritcale	ME-Pig	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no

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cereal triticales	Lysine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	Methionine & Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	Methionine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	Threonine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	Tryptophan	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal triticales	ME-Cattle	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal triticales	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal triticales	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal triticales	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal triticales	Organic matter digestibility (OMD)	DLG-Tabelle 2025	OMD table value 2025	no
cereal triticales	Gross Energy (GE)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	Metabolizable Energy (ME)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	sidP (small intestinal digestible Protein)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	sidMet (small intestinal digestible Met)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	sidLys (small intestinal digestible Lys)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal triticales	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal triticales	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal triticales	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal triticales	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal wheat	Appearance	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no

scope of testing	parameter	code of the norm	title of the norm	accredited
cereal wheat	Odor	LUFA Nord-West 1/3-185; 2015-02	Sensory evaluation of farm-produced feed	no
cereal wheat	Dry matter	VO (EG) 152 Anhang III, A; 2009	Determination of moisture content	yes
cereal wheat	Crude protein (N x 6,25)	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal wheat	Crude fibre	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal wheat	Crude fat	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal wheat	Starch	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal wheat	Crude ash	VDLUFA III 31.2; 2004 (mod.)	Analysis of farm-produced feed by NIR	yes
cereal wheat	ME-Pig	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal wheat	Lysine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	Methionine & Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	Methionine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	Cystine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	Threonine	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	Tryptophan	Ber. gemäß AMINODat® 6.4; 2025	Result calculated from available values according to AminoDat 6.4	no
cereal wheat	ME-Cattle	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal wheat	NEL (Net energy for lactation)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal wheat	Utilizable crude protein	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal wheat	Rumen nitrogen balance (RNB)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cereal wheat	Organic matter digestibility (OMD)	DLG-Tabelle 2025	OMD table value 2025	no
cereal wheat	Gross Energy (GE)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal wheat	Metabolizable Energy (ME)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal wheat	sidP (small intestinal digestible Protein)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal wheat	RMD (Rumen Microbial Difference)	berechnet nach GfE 2023	Calculation of gross energy, ME beef and OMD grass products	no
cereal wheat	a (rapidly degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no

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cereal wheat	b (potentially degradable fraction of CP; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal wheat	c (Decay rate of fraction b; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
cereal wheat	lag (delay in ruminal CP degradation; ruminants, GfE 2023)	DLG-Tabelle 2025	OMD table value 2025	no
dry matter	Dry matter	VO (EG) 152/2009 Anhang III, A; 2024-04	Determination of moisture content	yes
fermentation quality	Acetic acid	LUFA Nord-West 1/3A-046; 2022-04	Determination of organic acids in silage and distillates using ion chromatography	yes
fermentation quality	Butyric acid	LUFA Nord-West 1/3A-046; 2022-04	Determination of organic acids in silage and distillates using ion chromatography	yes
fermentation quality	Lactic acid	LUFA Nord-West 1/3A-046; 2022-04	Determination of organic acids in silage and distillates using ion chromatography	yes
fermentation quality	Propionic acid	LUFA Nord-West 1/3A-046; 2022-04	Determination of organic acids in silage and distillates using ion chromatography	yes
fermentation quality	DLG Score (fermentation quality)	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
fermentation quality	pH value	VDLUFA III 18.1; 1976	Determination of pH (in silage)	yes
fermentation quality	Valuation of fermentation quality	Ber. gem. GfE, DLG u. FMV	calculated from available figures in accordance with GfE, DLG and FMV	no
cation-anion balance / chloride	Chloride (Cl)	VDLUFA III 10.5.2; 1976 (mod.)	Determination of chlorides	yes
cation-anion balance	Sodium (Na)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
cation-anion balance	Potassium (K)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
cation-anion balance	Sulphur (S)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
cation-anion balance	cation-anion balance	berechnet	Result calculated from available values	no
CCM sieve analysis	Sieve analysis under 2 mm	LUFA Nord-West 1/3-213; 2016	Sieve analysis of CCM samples	no
CCM sieve analysis	Sieve analysis over 2 mm	LUFA Nord-West 1/3-213; 2016	Sieve analysis of CCM samples	no
ammonium N	Ammonia Nitrogen	VDLUFA II, 3.2.6, 1995	Determination of ammonium nitrogen – Electrometric method using a gas-sensitive NH ₃ electrode	no

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ammonium N	amount of ammonia-N of total-N	VDLUFA II, 3.2.6, 1995	Determination of ammonium nitrogen - Electrometric method using a gas-sensitive NH ₃ electrode	no
deoxynivalenol (ELISA)	Deoxynivalenol (DON)	r-biopharm, Art. No. R-5901/R-5902; 2017-07	Detection of deoxynivalenol in animal feed (ELISA)	yes
zearalenone (ELISA)	Zearalenone	Veratox® for Zearalenone, V-Zear_ES_0115; 2015	Zearalenonnachweis in Futtermitteln (ELISA)	no
bacterial count	Number of product-typical bacteria	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
bacterial count	Number of spoilage-indicating bacteria	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
bacterial count	Number of streptomycetes (spoilage-indicating bacteria)	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
fungal spore corel (mould, yeast, Mucoraceae)	Number of product-typical moulds and dematiaceae	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
fungal spore corel (mould, yeast, Mucoraceae)	Number of spoilage-indicating moulds	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
fungal spore corel (mould, yeast, Mucoraceae)	Number of mucorales (spoilage-indicating moulds)	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
fungal spore corel (mould, yeast, Mucoraceae)	Number of spoilage-indicating yeasts (all species)	ASU F 0070/F 0071; 2011-06	Analysis of feed - Determination of the bacterial, yeast, mould and black mould counts in feed / Analysis of feed - Identification of bacteria, yeasts, moulds and black moulds in feed as product-specific or spoilage-indicating indicator organisms	yes
ethanol	Ethanol	LUFA Nord-West 1/3-183; 2016	Determination of ethanol	no
nitrate	Nitrate	VDLUFA I, A 6.1.4.1; 2002 (mod.)	Determination of mineral nitrogen (nitrate and ammonium) in soil profiles (Nmin laboratory method)	no
selenium	Selenium (Se)	DIN EN 17053; 2018-03	Feed - Sampling and analysis methods - Determination of trace elements, heavy metals and other elements in feed using ICP-MS (multi-method); German version of EN 17053:2018	yes
minerals	Calcium (Ca)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed - Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes

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minerals	Phosphorus (P)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
minerals	Sodium (Na)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
minerals	Magnesium (Mg)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
minerals	Potassium (K)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
trace elements	Sulphur (S)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
trace elements	Copper (Cu)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
trace elements	Zinc (Zn)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
trace elements	Manganese (Mn)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
trace elements	Iron (Fe)	ASU F 0096; 2019-06 / DIN EN 15621; 2017-10	Analysis of feed – Determination of calcium, sodium, phosphorus, magnesium, potassium, sulphur, iron, zinc, copper, manganese and cobalt in feed following pressure digestion using ICP-AES (Adoption of the standard of the same name, DIN EN 15621, October 2017 edition)	yes
water for animals chemical testing	Sediment	Sensorische Analyse	In-house procedure IfF Water/IfB Water	no
water for animals chemical testing	Colour	Sensorische Analyse	In-house procedure IfF Water/IfB Water	no
water for animals chemical testing	Turbidity	Sensorische Analyse	In-house procedure IfF Water/IfB Water	no
water for animals chemical testing	Odor	Sensorische Analyse	In-house procedure IfF Water/IfB Water	no

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water for animals chemical testing	pH value	DIN EN ISO 10523 (C5); 2012-04	Water quality - Determination of pH (ISO 10523:2008); German version of EN ISO 10523:2012	yes
water for animals chemical testing	Conductivity, electrical	DIN EN 27888 (C 8); 1993-11	Water quality; Determination of electrical conductivity (ISO 7888:1985); German version of EN 27888:1993	no
water for animals chemical testing	Salt content (calculated as KCl)	DIN EN 27888 (C 8); 1993-11	Water quality; Determination of electrical conductivity (ISO 7888:1985); German version of EN 27888:1993	no
water for animals chemical testing	Ammonium (NH ₄ ⁺)	DIN EN ISO 11732-E 23; 2005-05	Water quality – Determination of ammonium nitrogen – Methods using flow analysis (CFA and FIA) and spectrometric detection (ISO 11732:2005); German version of EN ISO 11732:2005	no
water for animals chemical testing	Permanganate index (KMnO ₄)	DIN EN ISO 8467 (H 5); 1995-05	Water quality - Determination of the permanganate index (ISO 8467:1993); German version of EN ISO 8467:1995	yes
water for animals chemical testing	Permanganate index (O ₂)	DIN EN ISO 8467 (H 5); 1995-05	Water quality - Determination of the permanganate index (ISO 8467:1993); German version of EN ISO 8467:1995	yes
water for animals chemical testing	Sulfate (SO ₄ ²⁻)	DIN EN ISO 11885 (E 22); 2009-09	Water quality – Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009	yes
water for animals chemical testing	Iron (Fe)	DIN EN ISO 11885 (E 22); 2009-09	Water quality – Determination of selected elements by inductively coupled plasma atomic emission spectrometry (ICP-OES) (ISO 11885:2007); German version of EN ISO 11885:2009	yes
water for animals chemical testing	Orthophosphate ([PO ₄] ³⁻)	DIN EN ISO 6878 (D 11); 2004-09	Water quality – Determination of phosphorus – Photometric method using ammonium molybdate (ISO 6878:2004); German version of EN ISO 6878:2004	no
water for animals microbiological testing	Colony Count 22 °C	DIN EN ISO 6222 (K 5); 1999-07	Water quality – Quantitative determination of cultivable microorganisms – Determination of colony count by inoculation into a nutrient agar medium (ISO 6222:1999); German version of EN ISO 6222:1999	yes
water for animals microbiological testing	Colony Count 36 °C	DIN EN ISO 6222 (K 5); 1999-07	Water quality – Quantitative determination of cultivable microorganisms – Determination of colony count by inoculation into a nutrient agar medium (ISO 6222:1999); German version of EN ISO 6222:1999	yes
water for animals microbiological testing	Coliforms	DIN EN ISO 9308-2; 2014-06	Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 2: Method for determining the most probable number	yes
water for animals microbiological testing	Escherichia coli	DIN EN ISO 9308-2; 2014-06	Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 2: Method for determining the most probable number	yes