ANIMAL RELATED ANALYSES

Animal feed

Product	Code	Parameter	Test method	Accreditation status
Animal feed	CHL012	ADF- ADLignin	Derived from Van Soest et al. (1991)	AC
Animal feed	CHL014	ADIN	Derived from Van Soest et al. (1991) and ISO 5983-2	NA
Animal feed	CHL001	Ammonia	Derived from ISO 5983-2	AC
Animal feed	CHL003	Gross energy	ISO 9831	AC
Animal feed	CHL004	Calcium	ISO 6490/1	AC
Animal feed	CHL006	Chromium oxide (Cr2O3)	François et al. (1978)	NA
Animal feed	CHL008	Protein solubility in H2O	CVB (2003)	NA
Animal feed	CHL009	Fytate phosphorusr	Haug W. and Lantzsch H.J (1983)	NA
Animal feed	CHL028	Macro-elements (Ca, P, K, Na, Mg)	ICP-OES	NA
Animal feed	CHL010	D-L-lactate	Gawehn (1984), Noll (1966)	AC
Animal feed	CHL011	NDF	Derived from Van Soest et al. (1991)	AC
Animal feed	CHL013	Insoluble ash - 3N	Derived from ISO 5985	AC
Animal feed	CHL013	Insoluble ash - 4N	Derived from McCarty et al. (1974)	AC
Animal feed	CHL014	Crude protein (Nx6.25)	Derived from ISO 5983-2	AC
Animal feed	CHL015	Crude fat-A	ISO 6492 without pre-hydrolysis	AC
Animal feed	CHL015	Crude fat-B	ISO 6492 with pre-hydrolysis	AC
Animal feed	CHL016	Crude ash	ISO 5984	AC
Animal feed	CHL017	Crude fibre	Derived from AOCS Approved Procedure Ba 6a-05	AC
Animal feed	CHL028	Trace elements (B, Fe, Cd, Zn, Pb, Ni, Cu, Cr, Se)	ICP-OES	NA
Animal feed	CHL018	Sugars	2009R0152 EEC	AC
Animal feed	CHL029	Tannins - Total	IS0 9648	NA
Animal feed	CHL032	Titaniumdioxide (TiO2)	In-house method	AC
Animal feed	CHL009	Total phosphorus	ISO 6491	AC
Animal feed	CHL022	Moisture	Derived from Regulation 152/2009/EG	AC

Product	Code	Parameter	Test method	Accreditation status
Animal feed	CHL023	Starch	NEN 3574	AC
Animal feed	CRL001	Alcohols C1-C4 + volatile fatty acids C2-C5	In-house method derived from Jouany (1981)	AC
Animal feed	CRL013	Fatty acids C6-C24.1	Derived from Sukhija P.S. et Palmquist D.L. (1988)	NA
Animal feed	FYL011	Buffer capacity	In-house method	NA
Animal feed	FYL001	Bulk density	Giger-Reverdin (2000)	NA
Animal feed	FYL002	Particle size-dry sieving	ASAE S319.2	NA
Animal feed	FYL002	Particle size-wet sieving	Lufa (2007)	NA
Animal feed	FYL004	Hardness (pellets)	Tetlow R. M. and Wilkins R. J. (1977)	NA
Animal feed	FYL010	Color Lab	In-house method	NA
Animal feed	FYL005	NIR – chemical composition	Raw materials: own calibrations; Mixed feeds: De Boever et al. (1995); maize and grass silages: De Boever et al. (1996)	NA
Animal feed	FYL006	pH	In-house method derived from BIPEA (1985)	AC
Animal feed	FYL007	Feed solubility-Waterbinding capacity	Giger-Reverdin (2000)	NA
Animal feed	FYL008	Waterabsorbing capacity	Giger-Reverdin (2000)	NA
Animal feed	FYL009	Swelling capacity	Vanstallen (1973)	NA
Animal feed	VFL001	Cellwall digestibility	Derived from Tilley and Terry (1963) & Van Soest et al. (1991)	NA
Animal feed	VFL007	Protein solubility, borate-phosphate buffer	Cone et al. (1994)	NA
Animal feed	VFL008	Protein solubility, pepsin-HCl	72/199/EEC (1972)	NA
Animal feed	VFL003	Organic matter digestibility-enzym-Boisen	Boisen and Fernandez (1997)	NA
Animal feed	VFL003	Organic matter digestibility-enzym-De Boever	De Boever et al. (1986)	AC
Animal feed	VFL003	Organic matter digestibility-rumen fluid	Derived from Tilley and Terry (1963)	NA
Animal feed	VFL004	Rumen degradability parameters-DVE + OEB	CVB-protocol (2003)	NA
Animal feed	VFL005	Total apparent digestibility-sheep	CVB-protocol (1996)	NA

*Accreditation status: AC= accredited (BELAC 315-TEST) ; NA = not accredited