

AFMA- AGRILASA METHODS REVIEW

METHOD	AGRILASA INDEX	REVIEWED	REVIEW DATE	TECHNICALLY APPROVED	REASON FOR DISAPPROVAL
	2,1 MOISTURE / DRY MATTER: Alternative 1	Yes	22.01.2008	Yes	N/a
	MOISTURE / DRY MATTER: Alternative 2	Yes	22.01.2008	Yes	N/a
	MOISTURE / DRY MATTER: Alternative 3	Yes	22.01.2008	No	Not used anywhere else.
	2,2 CRUDE PROTEIN	Yes	22.04.2008	Yes	N/a
	2,3 CRUDE FAT (SOXHLET METHOD)	Yes	22.07.2008	Yes	N/a
	2,4 CRUDE FIBRE	Yes	27.01.2009	Yes	N/a
2.5.1	TOTAL ASH / ORGANIC MATTER	Yes	14.10.2008	Yes	N/a
2.5.2	ACID-INSOLUBLE ASH	No	N/a	No	
	2,6 SOLUBILITY OF ORGANIC MATTER	No	N/a	No	
	2,7 NITROGEN FREE EXTRACTIVES	No	N/a	No	
3.1.1	SIMPLE SUGARS (REDUCING AND NON-REDUCING)	No	N/a	No	
3.1.2.1	STARCH (CONTENT HIGHER THAN 5%)	No	N/a	No	
3.1.2.2	STARCH (CONTENT LOWER THAN 5%)	No	N/a	No	
3.1.3	SOLUBLE CARBOHYDRATES	No	N/a	No	
3.2.1	NEUTRAL DETERGENT FIBRE (NDF)	Yes	27.01.2009	Yes	
3.2.2	ACID DETERGENT FIBRE (ADF)	Yes	27.01.2009	Yes	
3.2.3	ACID DETERGENT LIGNING (ADL)	No	N/a	No	
3.2.4	CUTING AND SILICA	No	N/a	No	
4.1.1	TOTAL NITROGEN (Kjeldahl method by titration after distillation)	No	N/a	No	
4.1.2	TOTAL NITROGEN (AUTOMATED BY AUTO ANALYSER)	No	N/a	No	
	4,2 PROTEIN-NITROGEN	No	N/a	No	
	4,3 NON-PROTEIN AND NUCLEIC ACID-NITROGEN	No	N/a	No	
	4,4 WATER EXTRACTABLE AMMONIUM-NITROGEN	No	N/a	No	
	4,5 SOLUBLE PROTEIN	No	N/a	No	
	4,6 UREA	No	N/a	No	
	4,7 DETERMINATION OF TOTAL NITROGEN BY THE DUMAS COMBUSTION METHOD	No	N/a	No	
4.7.1	AMINO ACIDS; SAMPLE PREPARATION	No	N/a	No	
4.7.2	TOTAL AMINO ACIDS	No	N/a	No	
4.7.3	CYSTINE AND CYSTEINE	No	N/a	No	
4.7.4	TRYPTOPHAN	No	N/a	No	
	5,1 ETHER EXTRACT (AFTER ACID HYDROLYSIS)	No	N/a	No	
	5,2 VOLATILE FATTY ACIDS	No	N/a	No	
	5,3 LONG CHAIN FATTY ACIDS	No	N/a	No	
6.1.1	DRY ASHING	No	N/a	No	
6.1.2	WET ASHING	No	N/a	No	
6.2.1.1	COLOURIMETRIC DETERMINATION OF BORON	No	N/a	No	
6.2.1.2	BORON BY AUTO ANALYSER	No	N/a	No	
6.2.1.2	Method Nr 6.2.1.2 AVV vloeidiagram B.doc	No	N/a	No	
6.2.3.1	CALSIUM (EDTA METHOD)	No	N/a	No	
6.2.3.2	CALCIUM (OXALATE METHOD)	No	N/a	No	
6.2.4	MOLYBDENUM	No	N/a	No	
6.2.5	PHOSPHORUS (BY COLORIMETRY)	No	N/a	No	
6.2.6	SELENIUM	No	N/a	No	
6.2.7.1	TURBIDIMETRIC DETERMINATION OF SULPHATE	No	N/a	No	
6.2.7.2	SULPHATE BY AUTO ANALYZER	No	N/a	No	
6.2.7.2	Method Nr 6.2.7.2AVV vloeidiagram SO4.doc	No	N/a	No	

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6.3.1	CALCIUM, NITROGEN AND PHOSPHORUS (automated by auto analyser)	No	N/a	No	
6.4.1	POTASSIUM AND SODIUM (by flame emission spectroscopy)	No	N/a	No	
6.5.1	Ca, Mg, Fe, Mn, Cu and Zn (by atomic absorption flame spectroscopy)	No	N/a	No	
7.1.1	VITAMIN A	No	N/a	No	
7.1.2	VITAMIN E	No	N/a	No	
7.1.3	VITAMIN D3	No	N/a	No	
7.2.1	VITAMIN B1	No	N/a	No	
7.2.2	VITAMIN B2	No	N/a	No	
7.2.3	VITAMIN B6	No	N/a	No	
7.2.4	VITAMIN C	No	N/a	No	
	8,1 TRYPSIN INHIBITOR	No	N/a	No	
	8,2 TOTAL POLYPHENOLS	No	N/a	No	
	8,3 CONDENSED TANNINS (proanthocyanidins)	No	N/a	No	
	8,4 ALKALOIDS	No	N/a	No	
	8,5 PHYTATE PHOSPHATE	No	N/a	No	
	8,6 FREE GOSSYPOL	No	N/a	No	
9.1.1	IN VITRO ORGANIC MATTER DIGESTIBILITY	No	N/a	No	
9.1.2	NEUTRAL DETERGENT CELLULOSE (NDC) DIGESTIBILITY	No	N/a	No	
	9,2 NEUTRAL DETERGENT FIBRE DIGESTIBILITY	No	N/a	No	
	9,3 ACID DETERGENT FIBRE DIGESTIBILITY	No	N/a	No	
	10,1 SODIUM CHLORIDE	No	N/a	No	
	10,2 UREASE ACTIVITY	No	N/a	No	
	10,3 LACTIC ACID	No	N/a	No	
	10,4 pH OF SILAGE	No	N/a	No	
	1 TOTAL NITROGEN: Alternative catalysts	No	N/a	No	
	2 NOTES ON ATOMIC ABSORPTION SPECTROSCOPY	No	N/a	No	
	3 NOTES ON THE USE OF AUTOANALYSER	No	N/a	No	
	4 NOTES ON LABORATORY SAFETY	No	N/a	No	
	5 Preparation of Azomethine-H : COLOURIMETRIC DETERMINATION OF BORON	No	N/a	No	