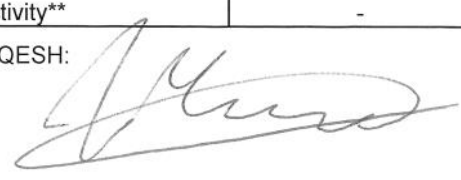


CERTIFICATE OF ANALYSIS

Name of the product Batch no. Status Date of manufacture Date of expiration Active component Date of issue	Meltamase 0601 ccUF data of test production March 2006 March 2007, extended to March 2009 Meltamase 20-04-06, extended 14-06-07, 17-10-07, 31-3-08 and 25-9-08, revised 09-01-2012
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Parameter	Unit	Specification limits	Result
Meltamase activity	ATU / g	record	1730 ^{*,#}
Dry matter	% (w/w)	record	9.44
Ash	% of DM (w/w)	record	19.5
Total organic solids	% (w/w)	record	7.61
Glycerol	% (v/v)	> 45	Conform
Cadmium	mg / l	record	< 0.02
Calcium	mg / l	record	1600
Cobalt	mg / l	record	0.108
Copper	mg / l	record	0.397
Iron	mg / l	record	1.21
Lead	mg / l	< 5	< 0.5
Magnesium	mg / l	record	197
Manganese	mg / l	record	0.967
Nickel	mg / l	record	1.35
Phosphorus	mg / l	record	4500
Potassium	mg / l	record	1500
Sodium	mg / l	record	1640
Sulfur	mg / l	record	366
Zinc	mg / l	record	2.26
Ammonia	mg / l	record	2910
Ammoniumnitrogen	mg / l	record	2397.8
Nitrogen	mg / l	record	9040
Microbiology:			
Standard plate count	CFU / ml	< 5*10 ⁴	< 1 ^{*,#}
Coliforms	CFU / ml	< 10	< 10 [*]
Anaerobe sulfite reducing	CFU / ml	< 1	< 0.3 [*]
Staphylococcus aureus	CFU / ml	< 1	< 0.3 [*]
Yeasts	CFU / ml	< 10	< 1 ^{*,#}
Moulds	CFU / ml	< 10	< 1 ^{*,#}
Salmonella	CFU / 25 ml	ABSENT	ABSENT [*]
E. coli	CFU / ml	ABSENT	ABSENT [*]
Antimicrobial activity**	-	Absent	Absent by test

Signature R&D QESH: 	Remarks (if any): *: data from final product. #: reanalysed data for extension **: data added
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