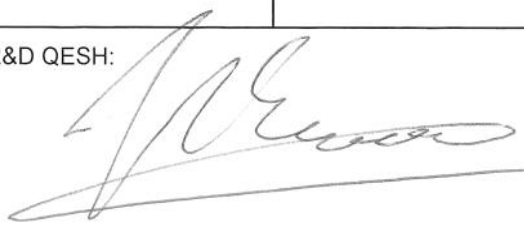


CERTIFICATE OF ANALYSIS

Name of the product	Meltamase		
Batch no.	0501		
Status	test production		
Date of manufacture	March 2005		
Date of expiration	September 2006*		
Active component	Meltamase		
Date of issue	28-06-05, revised 10-03-06 and 09-01-2012		

Parameter	Unit	Specification limits	Result
Meltamase activity	ATU/g	record	1875**
Dry matter	% (w/w)	record	12.3
Ash	% (w/w)	record	2.17
Total organic solids	% (w/w)	record	10.1
Heavy metals (as Pb)	mg/kg	≤ 30	< 10
Lead	mg/kg	≤ 5	< 0.2
Arsenic	mg/kg	≤ 3	< 0.02
Cadmium	mg/kg	≤ 0.5	< 0.01
Mercury	mg/kg	≤ 0.5	< 0.02
Benzoate	mg/kg	record	940
Microbiology:			
Standard plate count	CFU/g	< 10	< 10
Yeasts	CFU/g	record	< 10
Moulds	CFU/g	record	< 10
Coliforms	CFU/g	< 30	< 10
Salmonella	/25 g	absent by test	absent by test
Anaerobe sulfitorreducing	CFU/g	record	< 10
Staphylococcus aureus	CFU/g	< 1	absent by test
E. coli	/25 g	record	< 10
Antimicrobial activity***	-	Absent	Absent by test
Mycotoxins	µg/kg	absent by test	Absent by test
Benzo[a]pyrene	µg/kg	record	< 0.1
Organochlorine pesticides	µg/kg	record	not detected
Organophosphorus pesticides	µg/kg	record	not detected
Organonitrogen pesticides	µg/kg	record	not detected

Signature R&D QESH: 	Remarks (if any): *: expiration date extended. **: retested, activity after one year storage at 4°C is 2017 ***: data added
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