



NEWGEN BIOTECH

CERTIFICATE OF ANALYSIS

Product Name : Beta Glucanase			
Other Name : N/A		Country of Origin : China	
Strain : <i>Aspergillus Niger</i>		Manufacture Date : JUL 23, 2018	
Batch Number : BG18072301		Expiration Date : JUL 22, 2020	
Package : 25 kg/bucket		Quantity : 50 kg	
PROTOCOL	SPECIFICATIONS	RESULTS	METHOD
PHYSICAL & CHEMICAL ANALYSIS			
Description	Light yellow to light brown powder	Complies	Visual
Odor & Taste	Characteristic odor and taste	Complies	Taste
Moisture	NMT 7%	4.1%	Moisture Analyzer
IDENTIFICATION			
Identifiable Activity	Positive for Beta Glucanase Activity	Complies	In-house
ACTIVITY			
Beta Glucanase activity	NLT 5,000 BGU/g	5,024 BGU/g	FCC VII
MICROBIOLOGICAL			
Total Bacteria Count	NMT 3,000 CFU/g	Complies	FDA BAM Online Ch. 3
Coliform Bacteria (CFU/g)	NMT 30 CFU/g	Complies	FDA BAM Online Ch. 4
Molds and Yeasts	NMT 100 CFU/g	Complies	FDA BAM Online Ch. 2
E. coli	Absent	Complies	FDA BAM Online Ch. 4
Salmonella	Absent	Complies	FDA BAM Online Ch. 5
Staphylococcus aureus	Absent	Complies	FDA BAM Online Ch. 12
Pseudomonas aeruginosa	Absent	Complies	AOAC
HEAVY METALS			
Lead	NMT 3 ppm	Complies	USP <231>
Mercury	NMT 0.1 ppm	Complies	USP <231>
Cadmium	NMT 1 ppm	Complies	USP <231>
Arsenic	NMT 1 ppm	Complies	USP <231>
Storage	: Store in cool and dry place protected from light, keep barrel close when not in use.		
Conclusion	: Conforms to FCC Standards.		
Shelf Life	: Shelf life under prescribed storage conditions and air-tight packing will be 2 years.		
<i>The product COMPLIES with the above specifications.</i>			
			Approved by
			<i>RICKY H. ZHANG</i>
			Authorized Signatory

*The above information is a direct translation of the information provided to Newgen Biotech from the manufacturer of this product. This Certificate of Analysis should be used for informational purposes and is not intended as a substitute for strict quality control analysis by the purchaser of this product.

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