



# NEWGEN BIOTECH

## CERTIFICATE OF ANALYSIS

<b>Product Name</b> : DPPIV			
Other Name : N/A		Country of Origin : China	
Strain : <i>Aspergillus niger</i>		Manufacture Date : NOV 17, 2018	
Batch Number : DPP18111901		Expiration Date : NOV 16, 2020	
Package : 25 kg/bucket		Quantity : 125 kg	
PROTOCOL	SPECIFICATIONS	RESULTS	METHOD
PHYSICAL & CHEMICAL ANALYSIS			
Description	Light yellow or light brown powder	Complies	Visual
Odor & Taste	Characteristic odor and taste	Complies	Taste
Moisture	NMT 7%	3.9%	Moisture Analyzer
IDENTIFICATION			
Identifiable Activity	Positive for DPPIV Activity	Complies	In-house
ACTIVITY			
DPPIV activity	NLT10,000 U/g	10,100 U/g	In-house
MICROBIOLOGICAL			
Total Bacteria Count	NMT3,000 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>
<b>Storage</b>	: Store in cool and dry place protected from light, keep barrel close when not in use.		
<b>Conclusion</b>	: Conforms to FCC Standards.		
<b>Shelf Life</b>	: Shelf life under prescribed storage conditions and air-tight packing will be 2 years.		
<b><i>The product COMPLIES with the above specifications.</i></b>			
			<b>Approved by</b>
			RICKY H. ZHU
			<b>Authorized Signatory</b>

\*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.

NEWGEN BIOTECH (NINGBO) CO., LTD.

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