



SUPERIOR QUALITY - ETHICALLY SOURCED

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CERTIFICATE OF ANALYSIS

Product Name	N-ACETYL-D-GLUCOSAMINE		
Net Weight:	25KG/DRUM	Gross weight	27.5KG/DRUM
Quantity	1000KG		
Batch Number	20230410	Manufacture Date	20230410
Report Date	20230410	Expiry Date	20250409

ITEMS	SPECIFICATIONS (TEST METHOD)			RESULT
Appearance	White powder			Pass
Assay (On dry basis)	98.0 ~ 102.0%			99.43%
Specific Rotation	39°- 43°			40.61°
Chloride	NMT 0.5%			0.25%
PH	5.0 ~ 8.0			7.10
Loss on Drying	NMT 0.5%			0.16%
Residue on Ignition	NMT 0.5%			0.24%
Heavy Metals	NMT 10PPM			< 10ppm
Arsenic(AS ₂ O ₃)	NMT 1PPM			< 1ppm
Melt point	196 ~ 205°C			Pass
Total Bacteria Count	<1000CFU/g (USP2021)			Pass
Yeast & Mold	<100CFU/g (USP2021)			Pass
Salmonella	Negative (USP2022)			Negative
E.Coli	Negative (USP2022)			Negative
Staphylococcus Aureus	Negative (USP2022)			Negative

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat. Shelf Life: 24 months if store under the conditions above and stay in original