

Product:	D-GLUCOSAMINE SULFATE 2NACL		
Original	Shellfish	Report Date	2023/02/07
Batch No.:	HS2301632	Quantity:	10 KG
Net Weight:	10KG/DRUM	Gross weight:	1.5KG/DRUM
Manufacturing Date:	2023/02/01	Expiry Date:	2023/01/31

ITEMS	SPECIFICATIONS (TEST METHOD)	RESULT
Appearance	Crystallion powder,white A.Infrared Absorption B: It meets the requirements of the tests for chloride and sulfate.	Pass
Identification	C: The retention time in the Assay corresponds to the standartd D:In the test for Content of sulfate, after the addition of barium chloride TS a white precipitate is formed	Pass
Assay	98%-102%	99.9%
Specific Rotation	+50° - +55° (USP781S)	+51.6°
PH (2%,25°)	3.0-5.0(USP791)	4.4
Loss on drying	Less than1.0% (USP731)	0.11%
Residue on Ignition	22.5%~26.0%(dry base)(USP281)	24.1%
Residual Solvents	Meet requirements (USP467)	Pass
Potassium	No precipitate is formed	Pass
Sulfate	16.3-17.3%(USP221)	16.5%
Heavy Metal	NMT10ppm(Method II USP231)	Pass
Arsenic	NMT3ppm(Method II USP211)	Pass
Total Bacteria Count	<500CFU/g (USP2021)	Pass
Yeast & Mold	<100CFU/g (USP2021)	Pass
Salmonella	Negative (USP2022)	Negative
E.Coli	Negative (USP2022)	Negative
Staphylococcus Aureus	Negative (USP2022)	Negative
Particle size	98% through 80 mesh	Pass
Storage: keep in an airtight container, protected from light.		

CONCLUSION: CONFORM TO USP 41 REQUIREMENTS

CHECKER: 



PRINCIPAL: 