



JIAXING HENGJIE BIOPHARMACEUTICAL CO., LTD.
CERTIFICATE OF ANALYSIS

COA NO.: HS2301631

Product:	GLUCOSAMINE SULFATE POTASSIUM CHLORIDE		
Original	Shellfish	Report Date	2023/02/06
Batch No.:	HS2301631	Quantity:	1000KGS
Net Weight:	25KG/DRUM	Gross weight:	27.5KG/DRUM
Manufacturing Date:	2023/01/30	Expiry Date:	2025/01/29

ITEMS	SPECIFICATIONS (TEST METHOD)	RESULT
Appearance	Crystallion powder,white	Pass
Identification	A.Infrared Absorption	Pass
	B: It meets the requirements of the tests for chloride and sulfate.	
	C: The retention time in the Assay corresponds to the standard	
	D:In the test for Content of sulfate, after the addition of barium chloride TS a white precipitate is formed	
Assay	98.00%-102.00%	99.39%
Specific Rotation	+47.0° - +53.0°	+51.6°
pH (2%,25°)	3.00-5.00	4.45
Loss on drying	Less than1.00%	0.13%
Residue on Ignition	26.5%-31.0%	27.2%
Content of Sulfate	15.5%-16.5%	15.8%
Sodium	Meet requirement	Pass
Heavy Metal	NMT10ppm	Pass
Arsenic	NMT3ppm	Pass
Total Bacteria Count	<1000CFU/g	Pass
Yeast & Mold	<100CFU/g	Pass
Salmonella	Negative	Negative
E.Coli	Negative	Negative
Particle size	98% through 80 mesh	Pass
Storage:	keep in an airtight container, protected from light.	

CONCLUSION: CONFORM TO USP 45 REQUIREMENTS

CHECKER: 顾金霞



PRINCIPAL: 刘文明