



Certificate of Analysis

Product name	D-Glucosamine Sulfate 2NaCl	CAS No.:	38899-05-7
Package:	25g/drum	Quantity:	1000kg
MFG Date:	2024/09/12	EXP Date:	2026/09/11
Batch No.:	GS24091204	Standard:	USP2022

Item	Specification	Results
Appearance	White crystals powder	White crystals powder
ID A	Infrared absorption	Complies
ID B	Chloride and Sodium meets the requirement	Complies
ID C	Retention time of glucosamine peak	Complies
ID D	Sulfate	Complies
Assay	98.0~102.0%	99.4%
Specific rotation	+50°~+55°	+52.6°
PH	3.0~5.0	4.26
Residue on ignition	22.5~26.0%	23.8%
Loss on drying	≤1.0%	0.04%
Heavy metals	≤10ppm	<10ppm
Arsenic	≤1ppm	<1ppm
Sulfates	16.3~17.3%	16.8%
E.Coli	Negative	Negative
Total plate count	≤1000cfu/g	Complies
Molds and Yeasts	≤100cfu/g	Complies
Mesh	40 mesh	Complies
Storage	Preserve in tight, light-resistant containers	
Conclusion:	The goods conform the standards of USP2022	

