



ACROSS BIOTECH
MAKE A DIFFERENCE

Certificate of Analysis

Name:	Glucosamine Sulfate Potassium Chloride	CAS number:	1296149-08-0
Quantity:	520KGs	Batch No.:	GSPC250314
MFG Date:	2025/03/14	EXP Date:	2027/03/13
Package:	25kg/drum	Test Method:	USP2021

Test items	Specification	Result
Description	White crystalline powder	Conform
Identification	Infrared absorption	Conform
	Chloride and potassium	Conform
	HPLC	Conform
	Sulfate	Conform
pH	3.0~5.0	4.56
Specific rotation	+47.0-+53.0	+50.7
Residue on ignition	26.5-31.0%	28.87%
Loss on drying	≤1.0%	0.05%
Sodium	Meet requirement	Conform
Sulfate	15.5-16.5%	15.87%
Heavy metals	≤10ppm	< 10ppm
Arsenic	≤3ppm	<3ppm
Particle size	98% pass through 40 mesh	Conform
Aerobic Plate Count	≤1000CFU/g	Conform
Yeast & Mold	≤100CFU/g	Conform
Assay	98.0%-102.0%	99.8%

Inspector: Meng Cheng

Checker: Yun Li

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