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Certificate of Analysis

Product Description: D-Glucosamine Sulfate Potassium Chloride Salt
Catalog Number: 153928
Lot: QR14072

Formula: (C₆H₁₄NO₅)₂SO₄·2KCl
CAS #: 38899-05-7
Physical Description: White Powder

Formula Weight: 605.52
Storage: 15-30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Standard
Loss on Drying	For Information Only	0.0%
Optical Rotation (c=2, H ₂ O)	+51° to +61°	+58.4°

Assay: 100.98%
Glucosamine Sulfate: 76.14%
pH: 4.46
Residue on Ignition: 27.88%
Iron: 5 ppm
Heavy Metals: 3 ppm
Chloride: 11.37%
Potassium: 12.49%
Cd: 0.6 ppm
Arsenic: 0.45 ppm
Recommended Retest Date: 11/10/2019



05/12/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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