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Certificate of Analysis

Product Description: N-Acetyl-D-glucosamine
Catalog Number: 100068
Lot: Q5312**Formula:** $C_8H_{15}NO_6$
CAS #: 7512-17-6
Physical Description: White Powder**Formula Weight:** 221.21
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	<1%	0.16%
Optical Rotation	+39° to +45° (c=1, water, NH_4OH)	+40.1°

Assay: 99.1%
Melting point: 196.2°C - 197.4°C
Chloride: 0.06%
Heavy metals: <10 ppm
Iron: <10 ppm
Residue on ignition: 0.06%
Total plate count: 70 cfu/g
Mold & Yeast: 10 cfu/g
E.coli, Samonella: Negative
Recommended Retest Date: 09/11/2018



10/20/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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