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Certificate of Analysis

Product Description: L-Glucose
Catalog Number: 101787
Lot: QR15968**Formula:** $C_6H_{12}O_6$
CAS #: 921-60-8
Physical Description: White Powder**Formula Weight:** 180.16
Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	144 - 155°C	145.5-147.9 °C
Loss on Drying	<0.8%	0.0%
Optical Rotation (c=4, H ₂ O, NH ₄ OH)	-50° to -60°	-51.8°

Solution: Clear, colorless solution
Paper chromatography: Homogeneous material
HPLC: >99%
Ash (sulfated): 0.01%
Heavy metals (Pb): <1 ppm
Recommended Retest Date: 02/22/2022

A handwritten signature in black ink, appearing to read 'J Huang'.

08/29/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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