

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 10:07:06

Date of Next Testing: 2025-06-19 10:07:06

Product Name: **Magnesium D-gluconate hydrate**

CAS Number: 3632-91-5

Specifications & Purity: USP grade

Lot #: F2325016

SKU #: **M112987**

Analysis: **077774**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	3-12 (%)	3.95 %
Reducing Substances	0-1 (%)	0.98 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Chloride (Cl-)	0-0.05 (%)	0.05 %
Sulfate(SO42-)	0-0.05 (%)	0.05 %
Purity (dry basis)	98-100 (%)	98.93 %
PH(5% in water)	6.0-7.8	7.28
Appearance (M112987)	White or light yellow powder	White or light yellow powder
Identification	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager