

Certificate of Analysis

Date of Testing: 2024-03-01 17:05:36

Date of Next Testing: 2028-02-29 17:05:36

Product Name: **MagnesonI**

CAS Number: 74-39-5

Specifications & Purity: high-purity,90%

Lot #: B2429048

SKU #: **M110710**

Analysis: 260588

Parameter	Limit Values	Result
Melting point	185-192 (°C)	189.95000 °C
Loss on drying	0-5 (%)	2.02 %
Dye Content	90-100 (%)	99.11 %
Appearance (M110710)	Red, Orange or Red-Orange Powder	Red, Orange or Red-Orange Powder
Extinction Coefficient(439 - 445 nm)	≥37000 (c = 0.005g/l in Methanol + 1ml 0.1N NaOH)	≥37000 (c = 0.005g/l in Methanol + 1ml 0.1N NaOH)
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass
Solubility,Clear, Orange or Red-Orange,c = 1mg/ml, Dioxane	pass	Pass



John Su
QA & QC Manager