

Certificate of Analysis

Date of Testing: 2023-07-13 17:14:27

Date of Next Testing: 2027-07-12 17:14:27

Product Name: **MagnesonI**

CAS Number: 74-39-5

Specifications & Purity: high-purity,90%

Lot #: G2307161

SKU # **M110710**

Analysis: 246486

Parameter	Limit Values	Result
Melting point	185-192 (°C)	186.46000 °C
Loss on drying	0-5 (%)	2.33 %
Dye Content	90-100 (%)	97.08 %
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