

Certificate of Analysis

Date of Testing: 2024-06-15 10:48:18
Date of Next Testing: 2028-06-14 10:48:18
Product Name: **MagnesonI**
CAS Number: 74-39-5
Specifications & Purity: high-purity,90%
Lot #: F2404365
SKU #: **M110710**
Version: **0**
Analysis #: **346968**

Parameter	Limit Values	Result
Melting point	185-192 (°C)	191.21000 °C
Loss on drying	0-5 (%)	1.00%
Dye Content	90-100 (%)	96.80%
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