

Certificate of Analysis

Date of Testing: 2023-07-18 14:40:23
Date of Next Testing: 2027-07-17 14:40:23
Product Name: **Manganese**
CAS Number: 7439-96-5(power)
Specifications & Purity: powder,99.9% metals basis
Lot #: G2312416
SKU #: **M118819**
Analysis: **253398**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.93%
Total Metallic Impuritie	0-1000 (ppm)	707.00 ppm
Appearance (M118819)	Grey to green powder	Grey to green powder
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager