

Certificate of Analysis

Date of Testing: 2022-11-17 10:17:43

Date of Next Testing: 2026-11-16 10:17:43

Product Name: **Potassium permanganate**

CAS Number: 7722-64-7

Specifications & Purity: puriss., meets analytical specification of Ph. Eur., BP, USP, 99-100.5%

Lot #: K2204085

SKU #: **P399479**

Analysis: 156401

Parameter	Limit Values	Result
Purity(redox titration)	99.0 - 100.5(%)	99.54 %
Loss on drying(105°C)	0-0.2 (%)	0.16 %
Water Insoluble Matter	0-0.2 (%)	0.00000 %
Chloride (Cl-)	0-100 (ppm)	0.00 ppm
Sulfate(SO42-)	0-300 (ppm)	195.00 ppm
Chloride and Chlorate(as Cl)	0-50 (ppm)	0.00000 ppm
Appearance(P399479)	Dark Green to Very Dark Green and Brown to Very Dark Brown and Green-Brown and Brown-Green and Green-Black and Black Powder or Crystals or Granules	Dark Green to Very Dark Green and Brown to Very Dark Brown and Green-Brown and Brown-Green and Green-Black and Black Powder or Crystals or Granules
ICP:Confirms Potassium and Manganese Components	Confirmed	Confirmed



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager