

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-27 09:59:37

Date of Next Testing: 2027-06-26 09:59:37

Product Name: **Chromic trioxide**

CAS Number: 1333-82-0

Specifications & Purity: ACS

Lot #: F2305154

SKU #: **C112726****Analysis:** **223744**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Insoluble matter: (10% in H2O)	0-0.01 (%)	0.00 %
Assay(Titration by Na2S2O3)	98-102 (%)	98.77 %
Aluminum(Al)	0-0.02 (%)	0.00 %
Barium(Ba)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
(NO3)Nitrate	0-0.05 (%)	0.02 %
Iron(Fe)	0-200 (ppm)	4.22 ppm
Appearance (C112726)	Dark Red to Purple Powder,Crystals,chunks or chips	Dark Red to Purple Powder,Crystals,chunks or chips
ICP: Confirms Chromium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager