

Certificate of Analysis

Date of Testing: 2023-03-24 11:03:39

Date of Next Testing: 2027-03-23 11:03:39

Product Name: **Chromic trioxide**

CAS Number: 1333-82-0

Specifications & Purity: ACS

Lot #: C2311845

SKU #: **C112726**

Analysis: **184995**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
Insoluble matter: (10% in H2O)	0-0.01 (%)	0.00 %
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)	0.00 ppm
Assay(Titration by Na2S2O3)	98-102 (%)	101.98 %
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