

## Certificate of Analysis

Date of Testing: 2022-11-21 16:07:12  
Date of Next Testing: 2026-11-20 16:07:12  
Product Name: **Chromium(III) nitrate nonahydrate**  
CAS Number: 7789-02-8  
Specifications & Purity: 99.99% metals basis  
Lot #: K2211384  
SKU #: **C116447**  
Analysis: **158432**

Parameter	Limit Values	Result
Cr (Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	12.7-13.2 (%)	13.18 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-100 (ppm)	90.11 ppm
Appearance (C116447)	Black Purple Powder or Crystal	Black Purple Powder or Crystal
ICP Major Analysis Confirmed	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager