

## Certificate of Analysis

Date of Testing: 2024-07-04 17:10:57  
Date of Next Testing: 2028-07-03 17:10:57  
Product Name: **Chromium(III) nitrate nonahydrate**  
CAS Number: 7789-02-8  
Specifications & Purity: 99.95% metals basis  
Lot #: F2429204  
SKU #: **C116448**  
Version: **0**  
Analysis #: **369535**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	99.98 %
Total Metallic Impuritie	0-500 (ppm)	235.00 ppm
Cr (Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	12.7-13.2 (%)	12.70 %
Loss on drying	35-45 (%)	35.02 %
ICP: Confirms Chromium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (C116448)	Black Crystals	Black Crystals



John Su  
QA & QC Manager