

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-22 11:08:36
Date of Next Testing: 2026-06-21 11:08:36
Product Name: **Chromium(III) nitrate nonahydrate**
CAS Number: 7789-02-8
Specifications & Purity: 99.95% metals basis
Lot #: F2216124
SKU #: **C116448**
Analysis: **054082**

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.95-100 (%) | 99.98 % |
| Loss on drying | 35-45 (%) | 37.38 % |
| Total Metallic Impuritie | 0-500 (ppm) | 245.00 ppm |
| Cr (Titration by Na ₂ S ₂ O ₃) | 12.7-13.2 (%) | 12.76 % |
| Appearance (C116448) | Black Crystals | Black Crystals |
| ICP: Confirms Chromium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager