

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-24 16:47:21  
Date of Next Testing: 2027-05-23 16:47:21  
Product Name: **Chromium(III) nitrate nonahydrate**  
CAS Number: 7789-02-8  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: E2317762  
SKU #: **C116446**  
Analysis: **227448**

| Parameter                            | Limit Values                                       | Result   |
|--------------------------------------|--|--|
| Sodium(Na)                           | 0-0.05 (%)   | 0.02 %   |
| Potassium(K)                         | 0-0.05 (%)   | 0.02 %   |
| Calcium(Ca)                          | 0-0.005 (%)  | 0.00 %   |
| Iron(Fe)                             | 0-0.005 (%)  | 0.00 %   |
| Aluminum(Al)                         | 0-0.02 (%)   | 0.01 %   |
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)  | 0.00 %   |
| Assay                                | 99-100 (%)   | 99.97 %  |
| Appearance (C116446)                 | Blue to Purple to Black Powder, Crystals or Chunks | Blue to Purple to Black Powder, Crystals or Chunks |
| X-Ray Diffraction                    | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager