

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-30 15:25:16  
 Date of Next Testing: 2030-07-29 15:25:16  
 Product Name: **Raney®-cobalt**  
 CAS Number: 7440-48-4  
 Specifications & Purity: 50µm,in H2O  
 Lot #: G2620261  
 SKU #: **R111436**  
 Version: **1**  
 Analysis #: **736341**  
 Storage Temperature: Protected from light,Room temperature

| Parameter                                       | Limit Values                     | Result                           |
|-------------------------------------------------|----------------------------------|----------------------------------|
| Iron(Fe)                                        | 0-0.1 (%)                        | 0.05000 %                        |
| Co/(Co+Al)%                                     | 90-100 (%)                       | 97.28000 %                       |
| Al/(Co+Al)%:                                    | 0-10 (%)                         | 2.72000 %                        |
| Diameter                                        | 40-60 (µm)                       | 58.60000 µm                      |
| Appearance (R111436)                            | Grey to Black Powder Under Water | Grey to Black Powder Under Water |
| ICP:Confirms Aluminum,Cobalt and Iron Component | Confirmed                        | Confirmed                        |
| X-Ray Diffraction                               | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager