

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-03 17:19:29

Date of Next Testing: 2029-01-02 17:19:29

Product Name: **Lithium cobalt oxide**

CAS Number: 12190-79-3

Specifications & Purity:  $\geq 99.5\%$  metals basis

Lot #: L2424681

SKU #: **L107451**

Version: **1**

Analysis #: **386181**

Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values                                | Result                                      |
|--------------------------------|---------------------------------------------|---------------------------------------------|
| Co by Titration complexometric | 57.2-63.2 (%)                               | 58.04000 %                                  |
| Purity                         | 99.5-100 (%)                                | 99.80000 %                                  |
| Appearance (L107451)           | Blue-black to dark grey or dark blue powder | Blue-black to dark grey or dark blue powder |
| ICP Assay                      | Confirmed to structure                      | Confirmed to structure                      |
| X-Ray Diffraction              | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager