

Certificate of Analysis

Date of Testing: 2022-09-01 10:43:21
Date of Next Testing: 2024-08-31 10:43:21
Product Name: **Lithium cobalt oxide**
CAS Number: 12190-79-3
Specifications & Purity: 99.0% metals basis
Lot #: H2229648
SKU #: **L298927**
Analysis: **130448**

| Parameter | Limit Values | Result |
|--|---|---|
| Total Metallic Impuritie | 0-10000 (ppm) | 5125.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99-100 (%) | 99.50 % |
| Co by Titration complexometric | 57.2-63.2 (%) | 58.96 % |
| Appearance (L298927) | Blue-black to dark grey or dark blue powder | Blue-black to dark grey or dark blue powder |
| ICP: Confirms Cobalt and lithium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager