



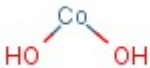
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

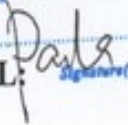
E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

## CERTIFICATE OF ANALYSIS

NO: DYC081809271

|                    |                                                                                   |
|--------------------|-----------------------------------------------------------------------------------|
| Product name       | Cobalt hydroxide                                                                  |
| CAS Number         | 21041-93-0;12672-51-4                                                             |
| Molecule Structure |  |
| Molecule Formula   | H2CoO2                                                                            |
| Batch number       | 20180910                                                                          |
| Manufacture Date   | 2018-09-10                                                                        |
| Testing Date       | 2018-09-10                                                                        |

| Items        | Standard    | Result |
|--------------|-------------|--------|
| Description  | Pink powder | Pass   |
| Assay(as Co) | 61% min     | 61.70% |
| Fe           | 0.014% max  | 0.002% |
| Ni           | 0.3% max    | 0.001% |
| Zn           | 0.01% max   | 0.001% |
| Mn           | 0.05% max   | 0.001% |
| Cu           | 0.005% max  | 0.001% |
| Pb           | 0.01% max   | 0.001% |

Hangzhou Dingyan Chem Co., Ltd.  
Quality Control  
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China