



Shenzhen Feiming Science and Technology Co., Ltd.

Certificate of Analysis

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|-----------------|----------|---|------------|
| Name of Product | | (S,S)-(+)-N,N'-Bis(3,5-di-tert-butylsalicylide ne)-1,2-cyclohexanediaminocobalt(II) CAS Registry No.: 188264-84-8 | |
| Quantity | 1kg | Date of Analysis | 2014-06-08 |
| Batch No. | 20140607 | Packaging | Bag |

ANALYSIS ITEM AND RESULT:

| Item | Specification | Results |
|-------------------|--------------------|---------------|
| Appearance | Crimson powder | Conform |
| Assay | $\geq 98.0\%$ | $\geq 99.1\%$ |
| Specific rotation | $\geq +1170^\circ$ | $+1253^\circ$ |
| Melting point | 409-412°C | 411-412°C |
| Loss on drying | $< 0.5\%$ | 0.2% |
| Conclusion | Qualified | |

Responsible Person:Chendong

Analyst:Zhangmin