

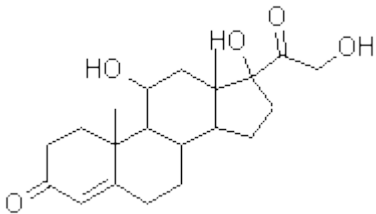
**HANGZHOU DINGYAN CHEM CO.,LTD**

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CERTIFICATE OF ANALYSIS

NO: DYC061512291

| | |
|---------------------------|--|
| Product name | Hydrocortisone |
| CAS Number | 50-23-7 |
| Molecule Structure |  |
| Molecular fomular | C₂₁H₃₀O₅ |
| Batch number | 150324 |
| Manuf. Date: | 2015-03-25 |
| Testing Date: | 2015-03-28 |

| Standards | USP36 | |
|---------------------------|---|--------------------------|
| Items | Specifications | Results |
| Appearance | White to practically white crystalline powder | White crystalline powder |
| Identification | | |
| A. Infrared Absorption | Conforms to the IR spectrum of Hydrocortisone RS. | Conforms |
| B. Ultraviolet Absorption | Absorptivities,calculated on the dried basis,do not differ by more than 2.5%. | Conforms |
| Optical rotation | +150°~ +156°(on dried basis) | +153° |
| Loss on drying | NMT 1.0% | 0.2% |
| Residue on ignition | NMT 0.5% | 0.1% |
| Organic impurities | | |
| Individual impurity | NMT 0.5% | 0.14% |
| Total impurities | NMT 2.0% | 0.67% |
| Assay | 97.0%~102.0% (on dried basis) | 99.2% |
| Conclusions | The product conforms to the requirements of USP36 | |

QUALITY CONTROL:

Hangzhou Dingyan Chem Co.,Ltd.

Quality ControlBuddy.....chan

Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风

ADD:RM 1118, NO.I BUILDING, BAIYUN TOWER, JIANGGAN AREA, HANGZHOU CITY, CHINA