

# 安庆沃德化工有限公司

Anqing World Chemical Co., Ltd.

## 检验报告单

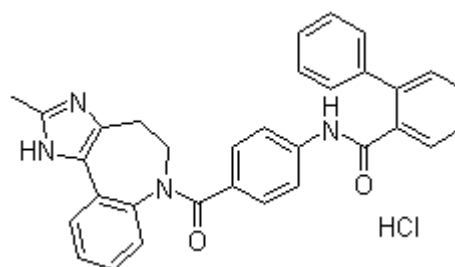
### Certificate of Analysis

**Product:** Conivaptan Hydrochlorid

品名: 盐酸考尼伐坦

**CAS:** 168626-94-6

**Molecular Structure:**



|              |   |                 |            |
|--------------|---|-----------------|------------|
| Batch No. 批号 | 20130111                                | Manu. Date 生产日期 | 2013-01-12 |
| Quantity 批量  | 0.60kg                                  | Rep. Date 报告日期  | 2013-01-14 |
| Source 来源    | Workshop 车间                             | Expiry Date 有效期 | 2015-01-12 |
| QCS 检验标准     | 2010 of Enterprise Standard 企业标准 2010 版 |                 |            |

| TETS 检验                          | STANDARD 标准                           | RESULTS 结果   |
|----------------------------------|---------------------------------------|--------------|
| Appearance                       | White to off-white powder             | white powder |
| Identification                   | HPLC                                  | Complies     |
|                                  | IR                                    | Complies     |
|                                  | Chloride                              | Complies     |
| Loss on Drying                   | ≤0.50%                                | 0.19%        |
| Heavy metals                     | ≤0.001%                               | <0.001%      |
| Residue on ignition              | ≤0.10%                                | 0.10%        |
| Assay(dried basis),<br>Titration | 98.0%~102.0%                          | 99.9%        |
| Related Compounds,<br>HPLC       | IP-1≤0.15%                            | N/D          |
|                                  | IP-2≤0.15%                            | 0.01%        |
|                                  | Max.individual unknown impurity≤0.10% | 0.05%        |
|                                  | Total impurities≤0.50%                | 0.23%        |
| Residual Solvents,<br>GC         | Tetrahydrofuran≤720ppm                | N/D          |
|                                  | Acetonitrile≤410ppm                   | N/D          |
|                                  | Ethanol≤5000ppm                       | 50.3ppm      |

|   |                                |         |
|---|--------------------------------|---------|
|   | Dichloromethane ≤ 600ppm       | N/D     |
|   | N,N-Dimethylformamide ≤ 880ppm | 87.6ppm |
|   | Pyridine ≤ 200ppm              | N/D     |
|   | Toluene ≤ 890ppm               | N/D     |
|   | Acetone ≤ 5000ppm              | N/D     |
| Conclusion: This batch conforms as per above specifications |                                |         |

ANALYST: Chen.MH

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