

Jiangxi Long Life Bio-Pharmaceutical Co., Ltd.
(A wholly owned subsidiary of Chiral Quest (Suzhou) Co., Ltd.)

Certificate of Analysis

产品检验报告

Product Name 产品名称:	(R)-1-[3,5-Bis(trifluoromethyl)phenyl]ethanol	Date of Manufacturing 生产日期:	2016-08-08
CAS No.:	127852-28-2	Retest Date 复测日期:	2018-08-07
Batch No. 批号:	L022-1-160801	Specification 质量标准:	In-house
Batch Size 批数量:	220.0Kg		

No.	Test Items 测试项目	Specification 质量标准	Results 结果
1	Appearance 外观	White to off-white solid 白色至类白色固体	Off-white solid 类白色固体
2	Identification by IR 红外鉴别	Correspond to the reference spectrum 与对照光谱一致	Corresponds 一致
3	Identification by HPLC HPLC 鉴别	Retention time complies 保留时间一致	Corresponds 一致
4	Related substances by HPLC(A%) 相关物质 (HPLC,A%) 3,5-Bis(trifluoromethyl)acetopenone 3,5-双三氟甲基苯乙酮 Largest unknown impurity 单个最大未知杂质 Total impurities 杂质总量	 ≤ 0.5% ≤ 0.5% ≤ 1.0%	 ND 0.17% 0.28%
5	ee% by GC 对映体过量% (GC)	≥ 99.0%	99.9%
6	Water Content by KF (w/w%) 水份(KF,w/w%)	≤ 1.0%	0.12%
7	Solvent Residue by GC 溶剂残留 (GC) Isopropyl alcohol 异丙醇 Heptane 正庚烷	 ≤ 0.5% ≤ 0.5%	 0.004% 0.01%
8	Residue on ignition (%) 炽灼残渣 (%)	≤ 0.5%	0.07%
9	Metal Residue 金属残留 Ru 钌	≤ 10ppm	ND
10	Assay by HPLC 含量 (w/w%) (on dried basis 按干燥品计算)	98.0%~102.0%	99.4%

Conclusion: Batch released. The batch complies with the specification. I hereby certify that the above information is authentic and accurate.

结论 :批放行。本批产品符合规定的质量标准。特此证明以上信息真实准确。

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Comment 备注 NA

Certificate prepared by/Date 起草人/日期:
 Certificate reviewed by/Date 审核人/日期:
 Quality Control 质量控制
 Certificate approved by/Date 批准人/日期:
 Quality Assurance 质量保证

