

产品分析证书
Certificate of Analysis

中文名称：吐根酚碱盐酸盐

English Name : Cephaelin Hydrochloride

别名(Alias):

产品编码(Cat. No.):BP0329

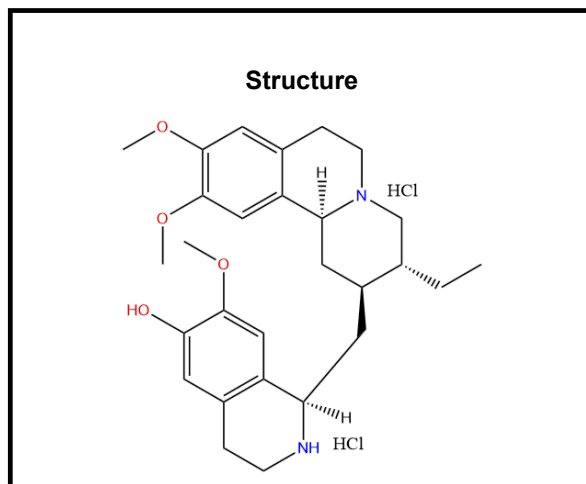
CAS Number: 5853-29-2

分子式(M. F.): C₂₈H₃₈N₂O₄·2HCl

分子量(M. W.): 539.538

批号(Batch No.): PRF8081702

报告日期(Report date): 2017-08-17



检验结果 (Analytical result) :

检验项目 (Test Item)	检验指标 (Specifications)	检验结果 (Results)
外观Appearance	Light brown powder	Light brown powder
干燥失重Loss on drying	< 3.0%	2.2%
纯度Purity (HPLC-DAD,283nm)*	≥97.0%	97.70%
质谱Mass	539.5±1	Conforms
核磁NMR	Comply with the structure	Conforms

* 色谱图见附件 (Please find HPLC chromatography attached.)

检测方法 (Test Method) : Column: Agilent 5TC-C18 , 4.6*250mm; Column temperature: 30°C; Detection Mode: UV283nm;Flow Rate:

1.0ml/min; Sample dissolution: Methanol; Mobile Phase: A, Triethylamine- Phosphoric acid in Water (PH=3) B, Acetonitrile;Gradient elution:

B,10%-20%,20min.

贮存条件 (Storage) :2~8°C, protected from light, keep package airproofed when not in use.

复测期 (Retest date) :two years (2019-08-16) under conditions list above.

QC: Zhang Ling

Date: 2017-08-17

QA: Wu Qi

Date: 2017-08-17

备注(Remarks): The sample solutions should be prepared on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks.

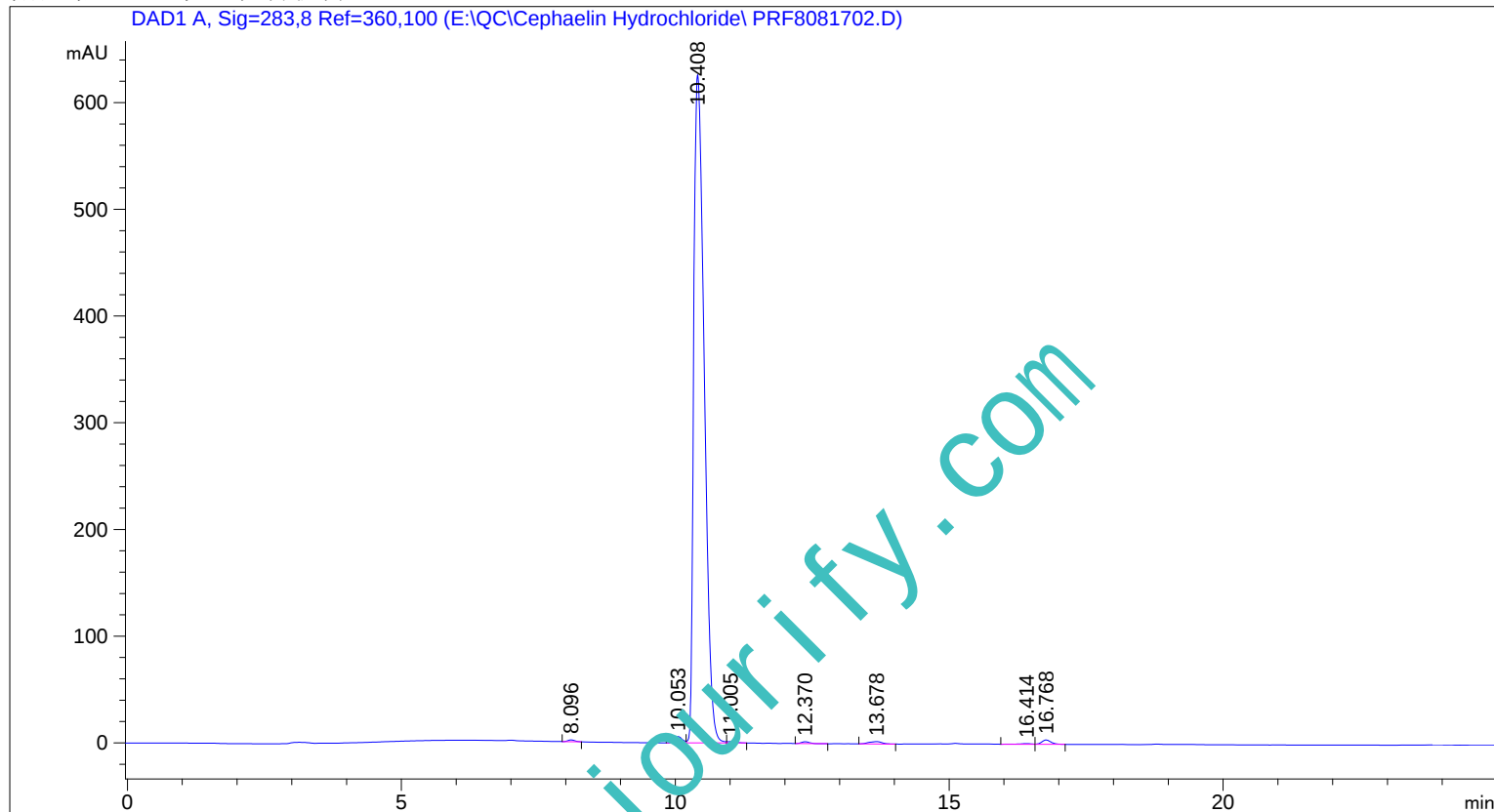
In case of quality issue, please contact us within 15 days after receipt of the product.

Tel: +86-28-82633397 Fax: +86-28-82633165

http://www.phytopurify.com Email: sales@biopurify.com biopurify@gmail.com

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操作者 : 1
仪器 : 仪器 1 位置 : 样品瓶 5
进样日期 : 2017/8/17 15:50:40
进样量 : 10.0 µl
采集方法 : E:\QC\Cephaelin Hydrochloride.M
最后修改 : 2017/8/17 15:37:58 : 1
分析方法 : E:\QC\Cephaelin Hydrochloride.M
最后修改 : 2017/8/17 15:40:39 : 1
(调用后修改)

附加信息: 峰已手动积分



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面积百分比报告
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排序 : 信号
乘积因子: : 1.0000
稀释因子: : 1.0000
内标使用乘积因子和稀释因子

信号 1: DAD1 A, Sig=283,8 Ref=360,100

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	8.096	MM R	0.1490	15.24302	1.70506	0.1775
2	10.053	BV	0.1481	57.24045	5.95868	0.6664
3	10.408	VV	0.2144	8392.09180	626.17316	97.6996
4	11.005	VB	0.1562	13.41262	1.24021	0.1561
5	12.370	VB	0.1595	17.92168	1.74994	0.2086
6	13.678	MM R	0.2767	37.24062	2.24328	0.4336
7	16.414	BV	0.2078	9.42236	6.55127e-1	0.1097
8	16.768	VBA	0.1774	47.11231	4.05914	0.5485

总量 : 8589.68486 643.78458