

## 产品分析证书

### Certificate of Analysis

#### 产品信息(Product Information)

产品编号 (CAT No.): N0525

中文名称: 吐根酚碱盐酸盐

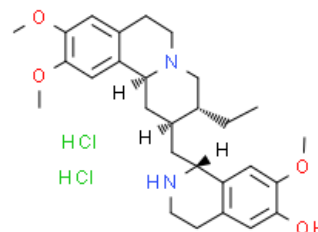
English Name: Cephaelin Hydrochloride

CAS No.: 5853-29-2

分子式 (M. F.): C<sub>28</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>·2HCl

分子量 (M. W.): 539.538

批号 (Batch No.): N0525-100mg-M230713012223



#### 检测项目及结果 (Specifications&results)

检验项目(Test Item)	检验规格 (Specifications)	检验结果 (Results)
颜色 Color	白色至类白色( White to Off-white)	类白色(Off-white)
外观 Appearance	粉末或固体(Powder or Solid)	粉末(Powder)
纯度 Purity	98%	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

#### 检测信息 ( Detection Information)

色谱柱(Column)	Heshin DK-HC18,4.6*250mm,5um
流动相(Mobile phase)	A, Acetonitrile B, 50mmol/L Triethylamine in water (Phosphoric acid adjusted to pH2);
检测波长(Detection mode)	283nm
柱温 (Column temperature)	30℃

贮存条件 (Storage) :2~8℃, protected from light, keep package airproofed. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

温馨提示 (Reminder) :The sample solutions should be prepared immediately before use.(请现配现用)



QA: Joy Li

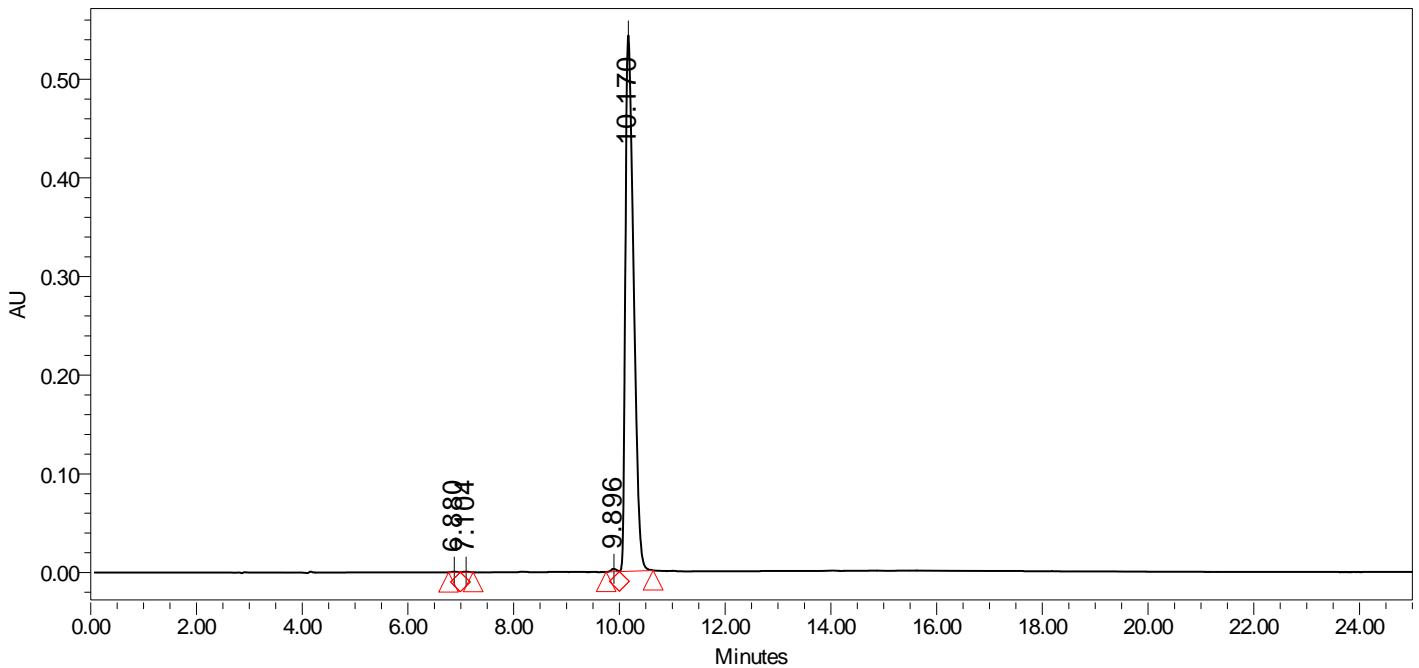
产品售后 (After-sale service):In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

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## SAMPLE INFORMATION

Sample Name:	Cephaelin Hydrochloride	Acquired By:	01
Sample Type:	Unknown	Sample Set Name	
Vial:	15	Acq. Method Set:	Cephaelin Hydrochloride
Injection #:	1	Processing Method	sample
Injection Volume:	10.00 ul	Channel Name:	PDA Ch1 283nm@4.8nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA Ch1 283nm@4.8nm
Date Acquired:	8/4/2022 9:37:22 AM CST		
Date Processed:	8/4/2022 10:06:54 AM CST		

### Auto-Scaled Chromatogram



### Peak Results

	Name	RT	Area	% Area	Height (μV)	USP Plate Count	USP Resolution
1		6.880	3954	0.07	509	17297.24	
2		7.104	4193	0.07	555	17725.97	1.04
3		9.896	21918	0.37	2988	39722.68	13.72
4		10.170	5890843	99.49	543090	18524.01	1.09