

产品分析证书 Certificate of Analysis

中文名称: 儿茶素没食子酸酯

English Name: Catechin gallate

别名 (Alias): (-)-Catechin gallate

产品编码 (Cat. No.): BP0323

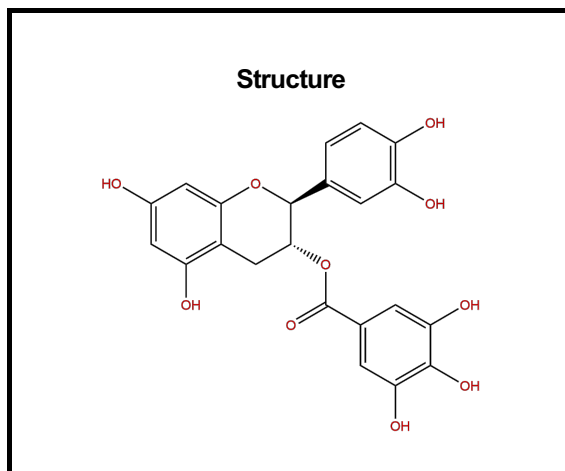
CAS Number: 130405-40-2

分子式 (M. F.): C₂₂H₁₈O₁₀

分子量 (M. W.): 442.376

批号 (Batch No.): PRF7091201

报告日期 (Report date): 2016/9/13



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	Rice yellow powder	Rice yellow powder
干燥失重 Loss on drying	<3.0%	1.71%
纯度 Purity (HPLC-DAD, 275nm)*	≥98.0%	99.32%
质谱 Mass	442.376±1	Conforms
核磁 NMR	Comply with the structure	Conforms

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

贮存条件 (Storage): 2~8°C

复测期 (Retest date): two years (2018-09-12) under conditions list above.

备注 (Remarks): 如遇质量问题, 请于收到产品之日起 15 日内与我们联系。

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

QC:

Zhang Ling

Date: 2016年9月13日



QA:

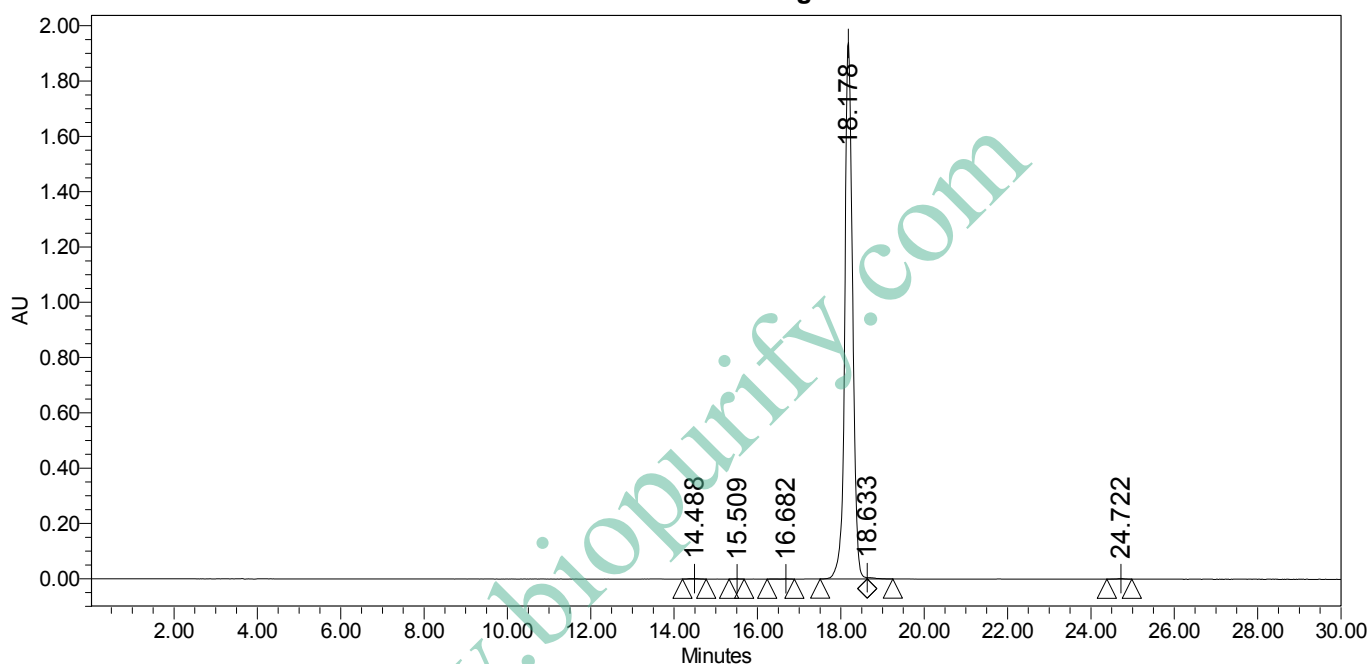
Wu Qi

Date: 2016年9月13日

SAMPLE INFORMATION

Sample Name:	Catechin gallate PRF7091201	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	34	Acq. Method Set:	Catechin gallate
Injection #:	1	Processing Method:	Samples
Injection Volume:	7.00 ul	Channel Name:	275.0nm
Run Time:	30.0 Minutes	Proc. Chnl. Descr.:	PDA 275.0 nm
Date Acquired:	2016-9-12 16:08:50 CST		
Date Processed:	2016-9-13 9:26:05 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		14.488	35423	0.14	18961.28	
2		15.509	14269	0.06	32512.41	2.93
3		16.682	19155	0.08	81257.30	1.34
4		18.178	25266998	99.32	49939.78	1.68
5		18.633	72197	0.28		1.37
6		24.722	31548	0.12	83676.65	19.47