

产品分析证书

Certificate of Analysis

中文名称：黑芥子苷

English Name：Sinigrin

别名(Alias): 2-Phenylethyl glucosinolate; Allyl glucosinolate

产品编码(Cat. No.):BP1311

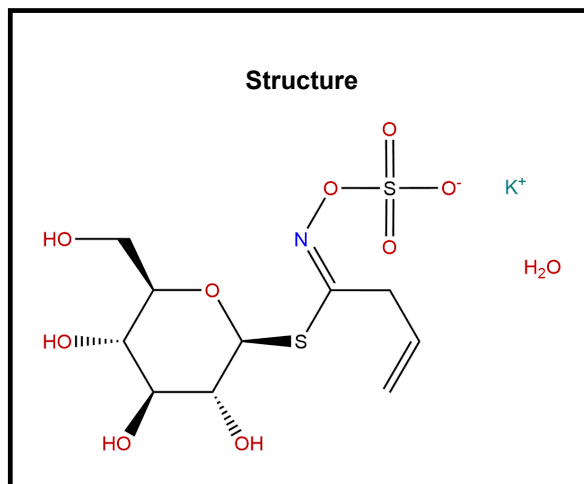
CAS Number: 3952-98-5

分子式(M. F.): C₁₀H₁₈KNO₁₀S₂

分子量(M. W.): 415.469

批号(Batch No.): PRF8101302

报告日期(Report date): 2017-10-13



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	Off-white powder	Off-white powder
纯度Purity (HPLC-DAD,227nm)*	≥98.0%	99.40%
质谱Mass	415.4±1	Conforms
核磁NMR	Comply with the structure	Conforms
水分Water Content	< 3.0%	2.9%

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

检测方法 (Test Method) : Column: Thermo Hypersil GOLD AQ C18 , 4.6*250mm , 5.0um; Column temperature: 30°C; Detection

Mode: UV227nm; Flow Rate: 1.0ml/min; Sample dissolution: Water; Mobile Phase: A, Triethylamine- Phosphoric acid in Water (PH=7)

B, Acetonitrile ; Isocratic elution: B, 2%.

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 (2019-10-12) under conditions list above.

QC: Zhang Ling

Date: 2017-10-13

QA: Wu Qi

Date: 2017-10-13

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.



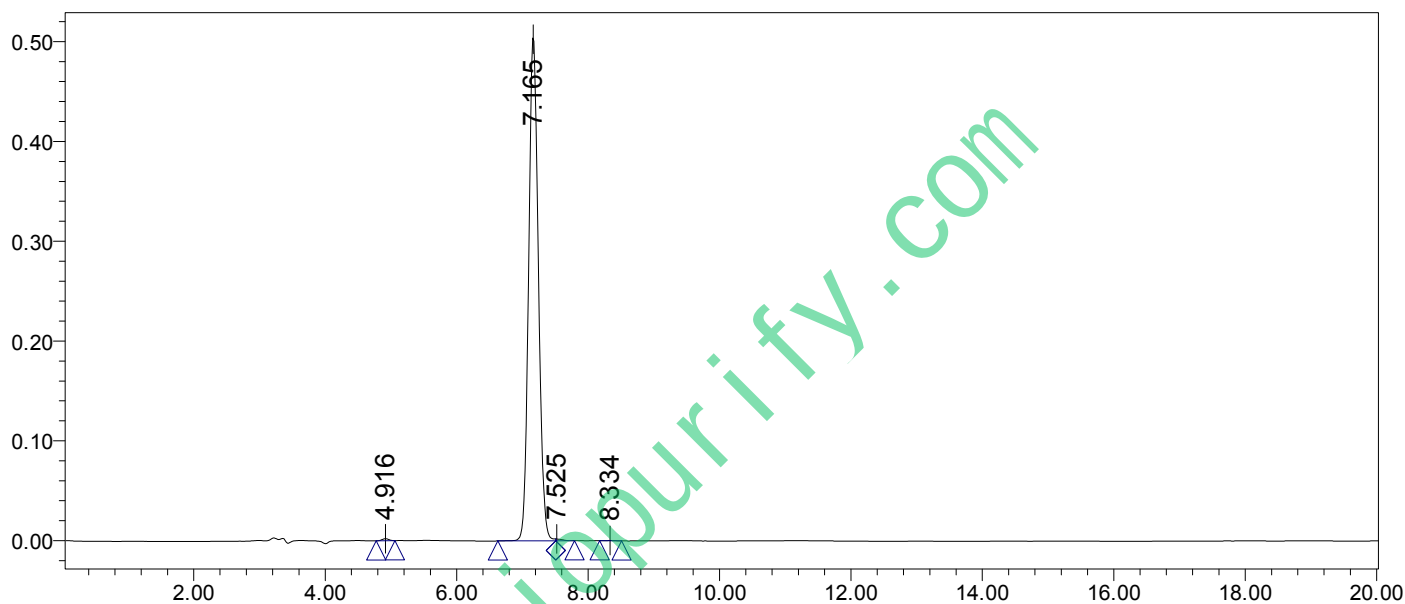
Tel: +86-28-82633397 Fax: +86-28-82633165

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

SAMPLE INFORMATION

Sample Name:	Sinigrin	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	91	Acq. Method Set:	Sinigrin
Injection #:	2	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	227.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 227.0 nm
Date Acquired: 2017-10-13 12:57:23 CST			
Date Processed: 2017-10-13 13:20:29 CST			

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	USP Plate Count	USP Resolution
1	4.916	14805	0.28	9765.13	
2	7.165	5175133	99.40	11394.35	9.42
3	7.525	13324	0.26		
4	8.334	3072	0.06	15605.22	