

Add: No.11 Building, No. 388 Rongtaidadao CNSTP
Wenjiang Zone, Chengdu, Sichuan, 611130 China
TEL: 028-82633987 FAX: 028-82633165
E-mail: biopurify@gmail.com sales@biopurify.com
Web: www.biopurify.com

Certificate of Analysis

Product Name: Kukoamine A

Other Name:

Catalogue No.: BP0833

Batch No.: 13032211

Reported Date: 2013-03-22

CAS Number: 75288-96-9

Mol. Formula: C₂₈H₄₂N₄O₆

Mol. Weight: 530.666

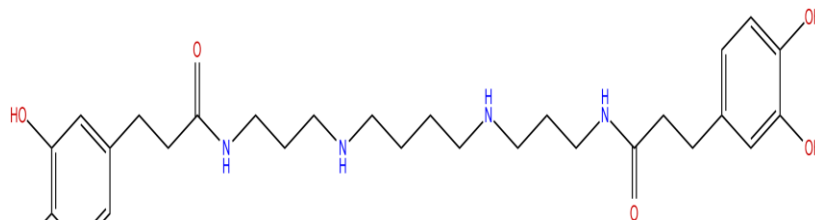
Botanical Source:

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Brown powder	Brown powder
Loss on drying	<3.0%	1.6%
Purity (HPLC, 280nm)*	≥95.0%	95.21%

* Please find HPLC chromatography attached.

Package: Brown vial or HDPE Plastic Bottle

Storage: Cool and Dry place, protected from light, keep package airproofed when not in use.

Expiration: two years (2015-03-22) under conditions list above.

QC: *Meng Pan*

Date: 2013-03-22

QA: *Lianglei Zhang*

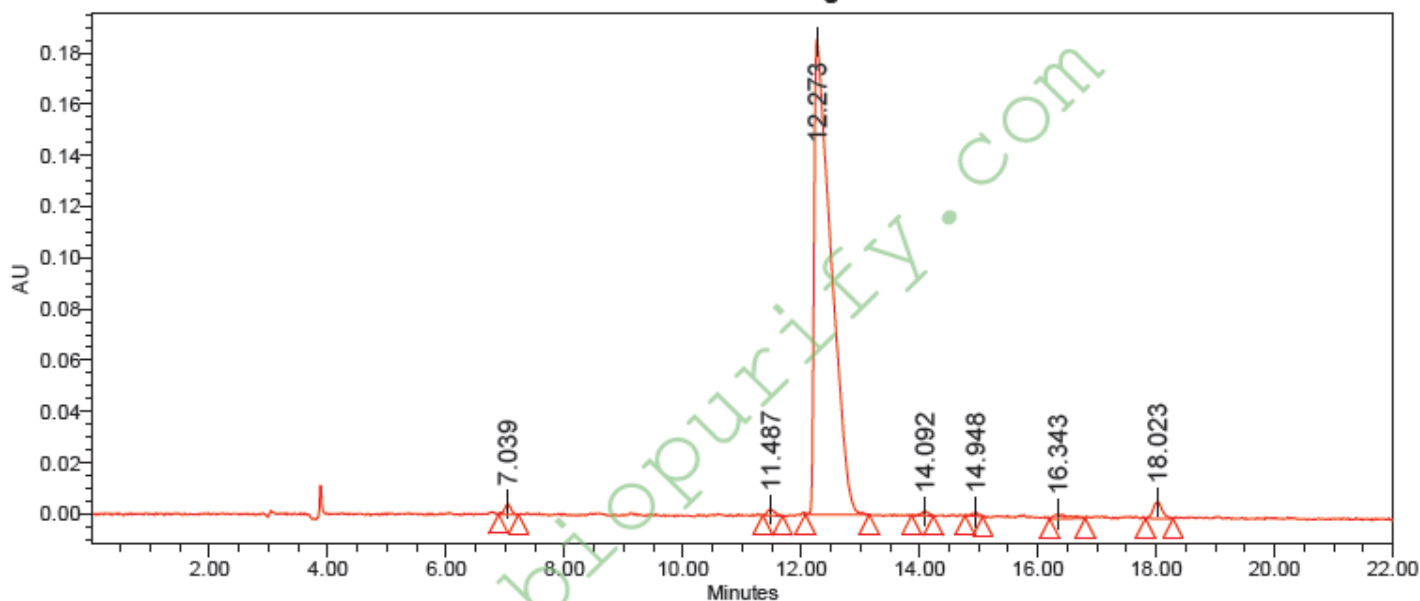
Date: 2013-03-22



SAMPLE INFORMATION

Sample Name:	Kukoamine A 13032211	Acquired By:	panmeng
Sample Type:	Unknown	Sample Set Name:	
Vial:	1:A,8	Acq. Method Set:	Kukoamine A
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	22.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2013-3-22 16:05:46 CST		
Date Processed:	2013-3-22 16:44:22 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.039	31813	0.82	20207.73	
2		11.487	23457	0.61	26034.86	19.30
3		12.273	3673319	95.21	7092.29	1.81
4		14.092	15820	0.41	12614.76	3.81
5		14.948	11186	0.29	38799.84	2.69
6		16.343	32648	0.85	97682.07	3.51
7		18.023	70011	1.81	75606.63	4.09