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Certificate of Analysis

Product Name: Guaifenesin

Other Name: Guaiphenesine

Catalogue No.: BP1646

Batch No.: 15040102

Report Date: 2015-04-01

CAS Number: 93-14-1

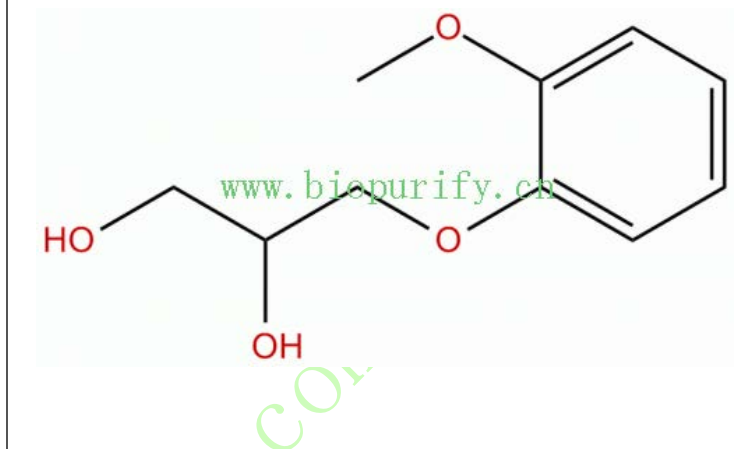
Mol. Formula: C₁₀H₁₄O₄

Mol. Weight: 198.216

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	White powder	White powder
Loss on drying	<3%	1.0%
Purity (HPLC,224nm)*	≥98.0%	98.12%

* 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 (2017-04-01) under conditions list above.

QC: *Meng Pan*

Date: 2015-04-01

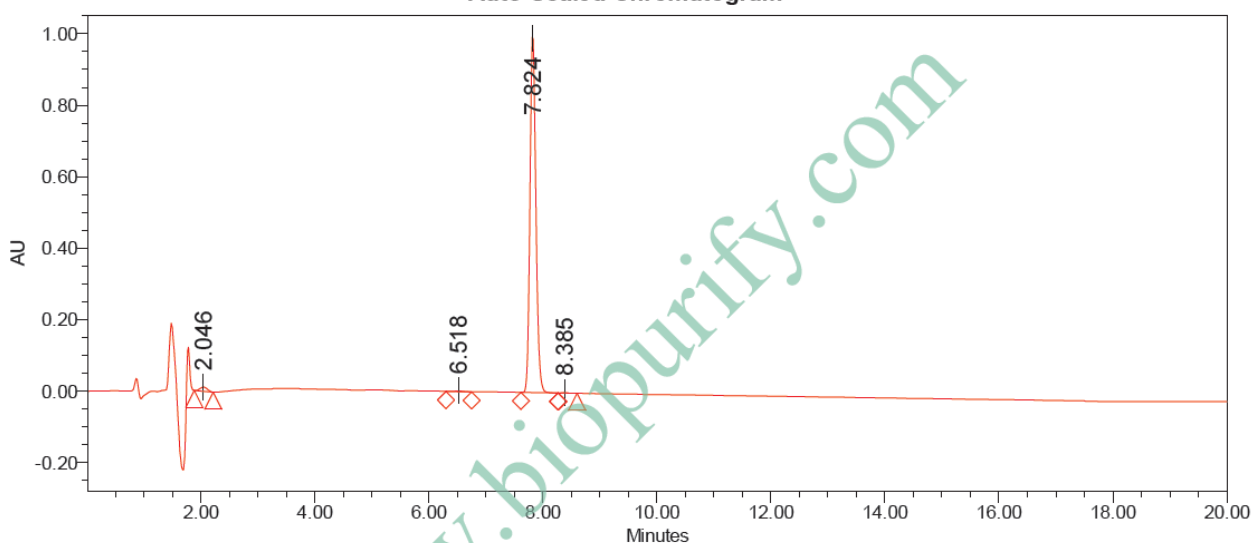
QA: *Lianglei Zhang*

Date: 2015-04-01

SAMPLE INFORMATION

Sample Name:	Guaifenesin15040102	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	31	Acq. Method Set:	Guaifenesin
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	224.0nm
Run Time:	20.0 Minutes	Proc. Chnl. Descr.:	PDA 224.0 nm
Date Acquired:	2015-4-1 9:59:32 CST		
Date Processed:	2015-4-1 10:39:18 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.046	107341	1.46	1161.00	
2		6.518	26243	0.36	10715.76	16.79
3		7.824	7207922	98.12	27463.81	5.43
4		8.385	4644	0.06	45758.00	3.18