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Certificate of Analysis

Product Name: 3,4-Dihydroxyphenylacetic acid

Batch No.: 15062604

Reported Date: 2015-06-26

CAS Number: 102-32-9

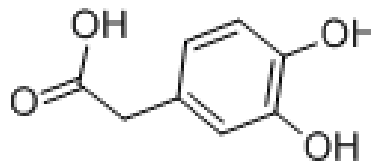
Mol. Formula: C₈H₈O₄

Mol. Weight: 168.15

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Gray Powder	Gray Powder
Loss on drying	<3.0%	1.3%
Purity (HPLC, 280 nm)*	≥98.0%	99.76%

* 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 (2017-06-26) under conditions list above.

QC: *Meng Pan*

Date: 2015-06-26

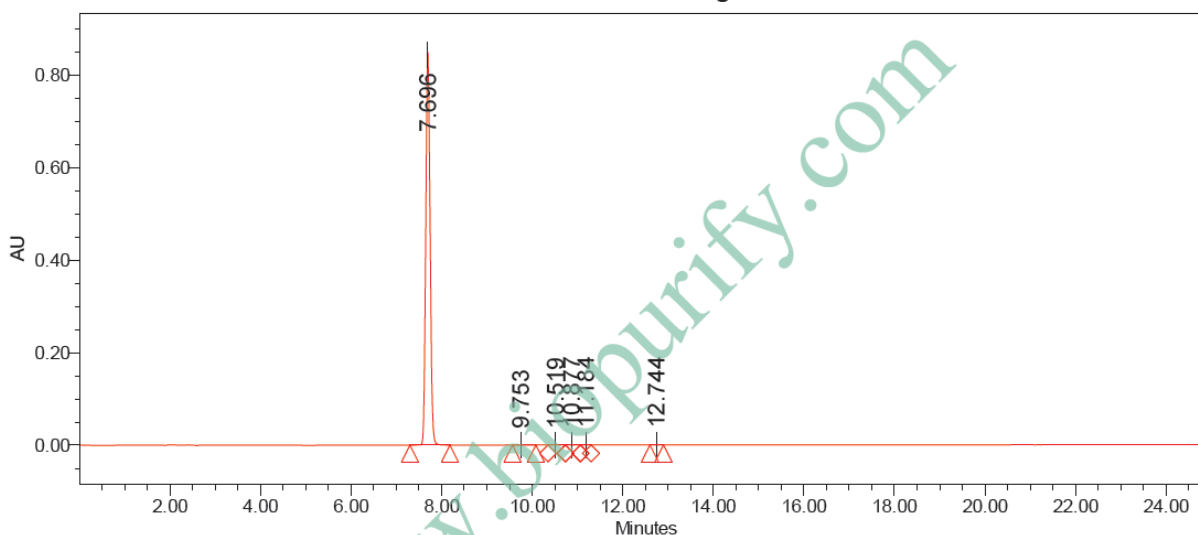
QA: *Lianglei Zhang*

Date: 2015-06-26

SAMPLE INFORMATION

Sample Name:	3 4 Dihydroxyphenylacetic acid	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	
Vial:	3	Acq. Method Set:	3 4 Dihydroxyphenylacetic acid
Injection #:	1	Processing Method:	Samples
Injection Volume:	10.00 ul	Channel Name:	280.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 280.0 nm
Date Acquired:	2015-6-26 12:09:54 CST		
Date Processed:	2015-6-26 13:30:34 CST		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		7.696	5657485	99.76	30123.75	
2		9.753	2654	0.05	49836.25	11.32
3		10.519	2186	0.04	11671.14	2.47
4		10.877	3276	0.06	29363.74	0.98
5		11.184	2912	0.05	72470.51	1.34
6		12.744	2548	0.04	70273.06	8.50