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Certificate of Analysis

Product Name: Neohesperidin Dihydrochal

Other Name: Neohesperidine Dihydrochalcone

Catalogue No.: BP0992

Batch No.: 14081416

Report date: 2014-08-14

CAS Number: 20702-77-6

Mol. Formula: C₂₈H₃₆O₁₅

Mol. Weight: 612.581

Type of compound:

Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-ELSD

Structure:



Analytical result:

Test	Specification	Results
Appearance	Off-white Powder	Off-white Powder
Loss on drying	<3.0%	1.2%
Purity (HPLC, ELSD)*	≥98.0%	99.39 %

* 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 (2016-08-14) under conditions list above.

QC: *Meng Pan*

Date: 2014-08-14

QA: *Lianglei Zhang*

Date: 2014-08-14



Data File D:\HPLC\DATA\NEOHESPERIDIN DIHYDROCHALCONE\14081416.D
Sample Name: Neohesperidin Dihydrochalcone

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Acq. Operator : yzq
Acq. Instrument : Instrument 1 Location : Vial 2
Injection Date : 8/14/2014 1:00:51 PM Inj Volume : 10 µl
Acq. Method : D:\YJH\METHOD\NEOHESPERIDIN DIHYDROCHALCONE.M
Last changed : 8/14/2014 12:55:47 PM by yzq
Analysis Method : D:\YJH\METHOD\HYPEROSIDE .M
Last changed : 8/14/2014 1:25:21 PM by yzq
(modified after loading)



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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 E, Sig=280,16 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.762	VV	0.1148	3.16273	4.15340e-1	0.0365
2	7.055	VV	0.1416	5.16198	5.03571e-1	0.0596
3	7.789	VV	0.1310	2.69115	2.99090e-1	0.0311
4	8.232	VV	0.1035	26.01729	3.81641	0.3003
5	9.215	VV	0.1065	8611.60742	1248.48096	99.3979
6	10.142	VV	0.1489	5.99620	5.60277e-1	0.0692
7	11.325	VV	0.1163	5.72776	7.23783e-1	0.0661
8	12.723	VV	0.1753	3.40924	2.70096e-1	0.0394

Totals : 8663.77376 1255.06952