



四川青益纯医药科技有限公司
SICHUAN BENEPURE PHARMACEUTICAL CO.,LTD.

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CERTIFICATE OF ANALYSIS

Product Name	Neohesperidin Dihydrochalcone	Code	BPBE-619-A
Botanical Source	Bitter Orange	Used Part	Peel
Batch No.	H020761917A	Mfg. Date	Jul. 15, 2017
Packing	25kg/Drum	Retest Date	Jul. 14, 2019
Quantity	300kg	Report Date	Jul. 19, 2017
Specification	EP9.0		

ITEM	SPECIFICATION	RESULT
Assay (Anhydrous substance)	96.0%~101.1%	99.02%
Appearance	White or yellowish-white powder	Complies
Odor	Characteristic	Complies
Taste	Intense sweet taste	Complies
Solubility	Practically insoluble in water, freely soluble in dimethyl sulphoxide soluble in methanol and practically insoluble in methylene chloride	Complies
Identification	A) IR: The infrared spectrum should be conformed to the Neohesperidin dihydrochalcone CRS. B) The retention time of the major peak of the sample solution corresponds to that of the standard solution	Complies
Appearance of Solution	Clear	Complies
Loss on Drying	≤12.0%	9.50%
Residue on Ignition	≤0.2%	0.09%
Heavy Metals	<10ppm	Complies
-Pb	<2ppm	Complies
-As	<0.5ppm	Complies
-Hg	<0.1ppm	Complies
Related Substances		
Impurity B	≤2%	<0.1%
Impurity D	≤2%	0.4%
Any other Impurity	≤0.5%	<0.1%

Benepure—Natural Ingredients Specialist.

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Total of all impurities apart from impurity B	≤2.5%	0.51%
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
Conclusion	Comply with EP9.0	
Storage	Preserve in tight containers, protected from strong light and high heat. Store in dry cool place.	

Analyst:

QC Manager:

QA:

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