

No.: BPBE-619-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Neohesperidin Dihydrochalcone	Code	BPBE-619-A
Batch No.	H030761920A	Mfg. Date	Jul. 28, 2020
Packing	25kg/Drum	Retest Date	Jul. 27, 2022
Quantity	300kg	Report Date	Aug. 03, 2020
Specification	EP9.0		

ITEM	SPECIFICATION	RESULT
Appearance	White or yellowish-white powder	Complies
Solubility	Practically insoluble in water, freely soluble in dimethyl sulphoxide soluble in methanol, practically insoluble in methylene chloride	Complies
Identification	A) IR: The infrared spectrum should be conformed to the Neohesperidin dihydrochalcone CRS B) HPLC: The retention time of the major peak in the chromatogram of the sample solution corresponds to the chromatogram obtained in standard solution in Assay	Complies
Appearance of Solution	The solution is clear and not more intensely colored than reference solution	Complies
Related Substances		
Impurity B	≤2%	<0.1%
Impurity D	≤2%	1.07%
Any other Impurity	≤0.5%	<0.1%
Total of all impurities apart from impurity B	≤2.5%	1.35%
Water	≤12.0%	10.33%
Sulphated Ash	≤0.2%	0.05%
Assay(Dried substance, HPLC)	96.0%-101.0%	98.24%
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
Conclusion	Comply with the EP9.0.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: