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SPECIFICATION

Product Name	Neohesperidin Dihydrochalcone
Specification	EP11.0/BP2024

Item	Specification
Physical&Chemical Control	
Appearance	White or yellowish-white powder
Solubility	Practically insoluble in water, freely soluble in dimethyl sulphoxide soluble in methanol, practically insoluble in methylene chloride.
Appearance of Solution	The solution is clear and not more intensely colored than reference solution.
Identification	IR: The infrared spectrum should be conformed to the Neohesperidin dihydrochalcone CRS.
	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.
Assay(HPLC)	96.0%~101.0%
Water	≤12.0%
Sulphated Ash	≤0.2%
Heavy Metals	≤20ppm
Related Substances	
Impurity B	≤2.0%
Impurity D	≤2.0%
Any other Impurity	≤0.5%
Total of all impurities apart from impurity B	≤2.5%
Microbiology Control	
Total Plate Count	NMT3,000cfu/g
Total Yeast & Mold	NMT300cfu/g
E.coli	Negative
Salmonella	Negative
Staphylococcus	Negative
Packaging&Storage	Packed in paper-drums and two plastic-bags inside, 25kg/drum. Keep in cool & dry place. Stay away from strong light and heat.
Shelf Life	Two years if sealed and stored away from strong sun light and heat.