

Certificate of Analysis

Product Information			
Product Name	Neohesperidin Dihydrochalcone (NHDC)		
CAS No.	20702-77-6	Report Number	DHL20210842
Batch Number	NHL210817	Manufacture Date	2021/08/17
Batch Quantity	300Kg	Expiry Date	2023/08/16
Test Items	Test Standard		Test Result
Physical & Chemical Data			
Appearance	White or Yellow White Fine Powder		Conforms
Assay	96.0%~101.0%		98.39%
Identification	1. HPLC RT of Main Peak : The retention time corresponds to Reference Standard.		Conforms
	2. IR Absorption : Exhibits maxima at the same wavelength to the Reference Standard.		Conforms
Loss on Drying	≤12.0 %		6.12%
Total Ash	≤0.2 %		0.03%
Solubility	Practically insoluble in water, freely soluble in DMSO, soluble in methanol, practically insoluble in methylene chloride.		Conforms
Heavy Metal	<10.0mg/kg		Conforms
Related Substances			
Impurity B: Neodiosmin	≤2.0%		0.10%
Inpurity D: Naringin	≤2.0%		1.21%
Other Inpurity	≤0.5%		0.12%
Total Impurities other than	≤2.5%		1.49%
Microbiological			
Total Aerobic Count	≤1000cfu/g		155cfu/g
Yeast & Moulds	≤100cfu/g		30cfu/g
E-Coli	Negative		Conforms
Salmonella	Negative		Conforms
Staphylococcus Aureus	Negative		Conforms
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娟

Checker: 李明

Approved:

