

Certificate of Analysis

Product Information			
Product Name	Diosmin + Hesperidin (9:1)	Report Number	DHL20210826
Botanical Name	Citrus aurantium	Manufacture Date	2021/08/26
Used Part	Fruit	Analysis Date	2021/08/30
Batch Number	DHL210826	Report Date	2021/09/05
Batch Quantity	300Kg	Expiry Date	2023/08/25
Test Items	Test Standard	Test Result	
Physical & Chemical Data			
Appearance	Greyish Yellow or Light Yellow , Hygroscopic Powder	Conforms	
Assay	Diosmin ≥81.0%	81.39%	
	Hesperidin ≥8.0%	8.76%	
Solubility	Soluble in dimethyl sulfoxide, pratically insoluble in water & ethanol; It dissolves in dilute solution of alkali hydroxides.	Conforms	
Sieve Analysis	90% through 10 Microns	Conforms	
Loss on Drying	≤6.0%	4.12%	
Sulphated Ash	≤0.2%	0.08%	
Heavy Metal	<10.0mg/kg	Conforms	
Iodine (2.2.36) & (2.5.10)	≤ 0.1%	0.02%	
Related Substances			
Impurity A: Acetoisovanillon	≤ 0.5%	0.08%	
Impurity C:Isorhoifin	≤ 3.0%	1.37%	
Impurity D:6-Iododiosmin	≤ 0.6%	0.22%	
Impurity E: Linarin	≤ 3.0%	1.06%	
Impurity F: Diosmetin	≤ 2.0%	0.85%	
-- Total	≤ 8.5%	5.11%	
Solvents Residue			
Methanol	<3000 mg/kg	Negative	
Ethanol	<5000 mg/kg	Negative	
Pyridine	<200 mg/kg	96 mg/kg	
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: 张丽娜

Checker: 李明

Approved:

