

Certificate of Analysis

Product Information			
Product Name	Diosmin	Report Number	DSL20201243
Batch Number	DSL201218	Manufacture Date	2020/12/18
Batch Quantity	500Kg	Analysis Date	2020/12/23
Expiry Date	2022/12/17	Report Date	2020/12/28
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	90.0% ~102.0%	90.22%	HPLC
Related Substances (2.2.29)			
Impurity A: Acetoisovanillon	≤ 0.5%	0.01%	HPLC
Impurity B: Hesperidin	≤ 4.0%	1.88%	HPLC
Impurity C: Isorhoifin	≤ 3.0%	0.82%	HPLC
Impurity D: 6-Iododiosmin	≤ 0.6%	0.08%	HPLC
Impurity E: Linarin	≤ 3.0%	0.07%	HPLC
Impurity F: Diosmetin	≤ 2.0%	0.19%	HPLC
Impurity G: Hesperetin	≤ 0.4%	0.01%	HPLC
Unspecified Impurities, for each impurity	≤ 0.4%	0.18%	HPLC
-- Total	≤ 8.5%	3.90%	HPLC
Physical & Chemical Data			
Appearance	Light Cream Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤6.0 %	3.59%	105°C/2 hrs
Total Ash	≤0.2%	0.11%	GB 5009.6
Heavy Metal	<10.0mg/kg	Conforms	ICP-MS
Iodine (2.2.36) & (2.5.10)	≤ 0.1%	0.03%	HPLC
Solvents Residue			
Methanol	<3000 mg/kg	Negative	GC
Ethanol	<5000 mg/kg	Negative	GC
Pyridine	<200 mg/kg	93 mg/kg	GC
Microbiological			
Total Aerobic Count	≤1000cfu/g	170cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	40cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
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:

