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SPECIFICATION SHEET

Diosmin

Item Code: 249C

Country of Origin: China

Botanical Source: *Citrus aurantium L.*

Part of Plant used: Fruit

Manufacturer: Chengdu Okay Plant & Chemical Co., Ltd.


TEST ITEMS	SPECIFICATIONS	TEST METHODS
Description	Grayish-yellow or light-yellow hygroscopic powder	Visual
Identification		
A. Infrared Absorption	Comparison: Diosmin CRS	CRS
B. Examine the Chromatograms obtained in the assay	Must be positive	Infrared Absorption
Solubility	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in alcohol. Dissolves in dilute solution of Alkali hydroxides.	Visual
Loss on drying	≤6.0%	105°C/3hrs
Sulfated Ash	≤0.2%	CP2010
Assay: (HPLC on dried basis)	90.0 – 102.0%	HPLC
Residual Solvents:		
Methanol	≤3,000 ppm	HPGC
Ethanol	≤5,000 ppm	HPGC
Pyridine	≤200 ppm	HPGC
Iodine	≤0.1%	Potentiometer
Related Substances:		
A: Acetoisovanillone	≤ 1.0%	HPLC
B: Hesperidin	≤ 5.0%	HPLC
C: Isorhoifin	≤ 3.0%	HPLC
D: Linarin	≤ 3.0%	HPLC
E: Diosmetin	≤ 3.0%	HPLC
Any Other Impurity	≤ 1.0%	HPLC
Total of Other Impurities	≤ 1.0%	HPLC
Total Impurities	≤ 10.0%	HPLC

Storage: Preserve in well-closed containers, protected from intense light, heat, & moisture.

Shelf Life: 3 years

Packing: In drums of 25 kgs

- Kosher certified
- Non-GMO and BSE/TSE-free


Gayathri Vasudevan
Manager, Quality Assurance & Regulatory
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