

QUALITY SPECIFICATION

Naringin

Catalog No.: NST-10-114

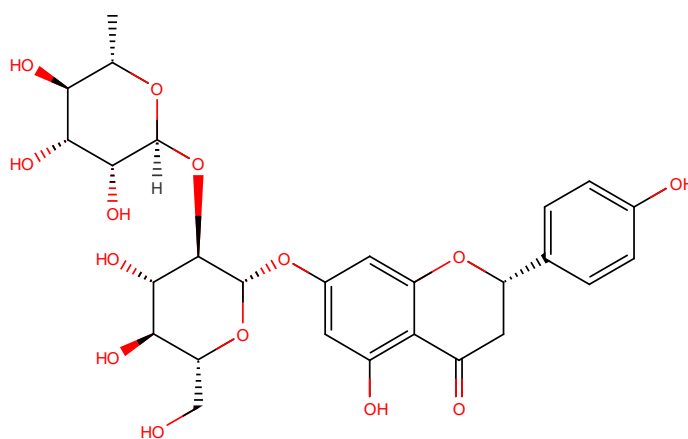
CAS No.: 10236-47-2

Molecular formula: C₂₇H₃₂O₁₄

MW: 580.53

Source: *Citrus Grand(l.) osbeck*

Part used: fruit



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Off-white	Visual
3.	Identification	Conforms	TLC
4.	Purity	≥98.0%	HPLC
5.	Odor	Characteristic	Organoleptic
6.	Taste	Characteristic	Organoleptic
7.	Sulfated ash	≤2.0 %	In house
8.	Loss on drying	≤5.0 %	In house
9.	Mesh size/sieve	NLT 95% pass 80 mesh	80 mesh
10.	Bulk density	NMT 0.8 g/ml	In house
11.	Heavy Metals	≤10 ppm	ICP-MS
12.	Lead	≤2 ppm	ICP-MS
13.	Arsenic	≤1 ppm	ICP-MS
14.	Mercury	≤0.1 ppm	ICP-MS

15.	Cadmium	≤ 1 ppm	ICP-MS
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Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored