

QUALITY SPECIFICATION

Neohesperidin

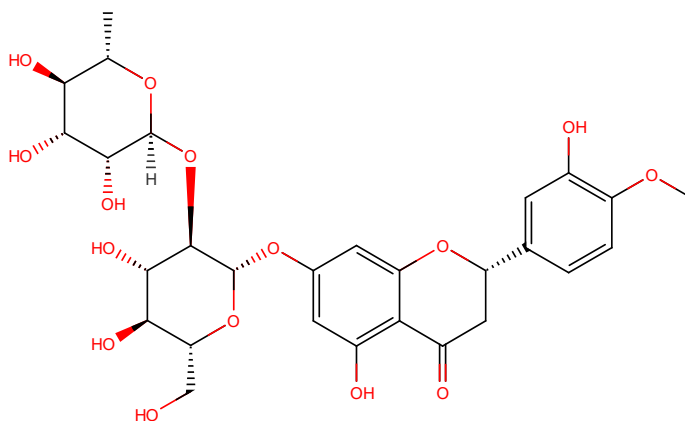
Catalog No.: NST-10-127

CAS No.: 13241-33-3

Molecular formula: $C_{28}H_{34}O_{15}$

MW: 610.56

Part used: Young fruit



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Purity	$\geq 98.0 \%$	HPLC
4.	Odor	Characteristic	Organoleptic
5.	Taste	Characteristic	Organoleptic
6.	Sulfated ash	$\leq 2.0 \%$	In house
7.	Loss on drying	$\leq 5.0 \%$	In house
8.	Mesh size/sieve	NLT 95 % pass 80 mesh	80 mesh
9.	Bulk density	NMT 0.8 g/ml	In house
10.	Heavy Metals	≤ 10 ppm	ICP-MS
11.	Lead	≤ 2 ppm	ICP-MS
12.	Arsenic	≤ 1 ppm	ICP-MS
13.	Mercury	≤ 0.1 ppm	ICP-MS
14.	Cadmium	≤ 1 ppm	ICP-MS
15.	TPC	Not more than 10^3 CFU/g	ISO 6579:2002

16.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002
17.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
18.	<i>Salmonella</i>	Absent	ISO 6579:2002
19.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored