

QUALITY SPECIFICATION

Garcinia Cambogia Extract

Catalog No.: NST-10-213

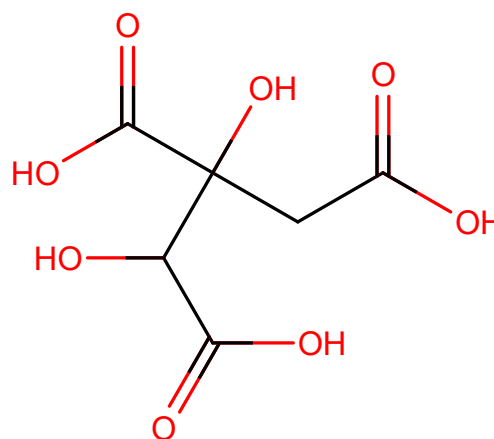
CAS No.: 6205-14-7

Molecular formula: $C_6H_8O_8$

MW: 208.12

Botanical name: *Garcinia Cambogia L.*

Part used: fruit



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White to off-white	Visual
3.	Identification	Conforms	TLC
4.	Assay	≥60.0%	HPLC
5.	Odor	Characteristic	Organoleptic
6.	Taste	Characteristic	Organoleptic
7.	Sulfated ash	≤5.0 %	2g/525°C/3h
8.	Loss on drying	≤5.0 %	5g/105°C/2h
9.	Mesh size/sieve	NLT 95% pass 80 mesh	80 mesh
10.	Bulk density	NMT 0.8 g/ml	Density meter
11.	Pesticide residues	EC 396/2005	Third lab
12.	Benzo[a]pyrene	<10 ppb	HPLC
13.	Sum of PAHs	<50 ppb	HPLC
14.	Heavy Metals	≤10 ppm	ICP-MS

15.	Lead	≤ 2 ppm	ICP-MS
16.	Arsenic	≤ 1 ppm	ICP-MS
17.	Mercury	≤ 0.1 ppm	ICP-MS
18.	Cadmium	≤ 1 ppm	ICP-MS
19.	TPC	Not more than 10^3 CFU/g	ISO 6579:2002
20.	TYMC	Not more than 10^2 CFU/g	ISO 6579:2002
21.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
22.	<i>Salmonella</i>	Absent	ISO 6579:2002
23.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: store in a cool & dry place, keep away from strong light and heat

Stability: 24 months when properly stored