

QUALITY SPECIFICATION

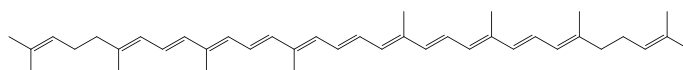
Lycopene

Catalog No.: NST-10-113

CAS No.: 502-65-8

Molecular formula: C₄₀H₅₆

MW: 536.87



No.	Parameter	Specification	Method
1.	Appearance	Crystal Powder	Visual
2.	Color	Red to reddish brown	Visual
3.	Purity	≥ 90.0 %	HPLC
4.	Odor	Characteristic	Organoleptic
5.	Taste	Characteristic	Organoleptic
6.	Sulfated ash	≤ 0.5 %	In house
7.	Loss on drying	≤ 0.5 %	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