

QUALITY SPECIFICATION

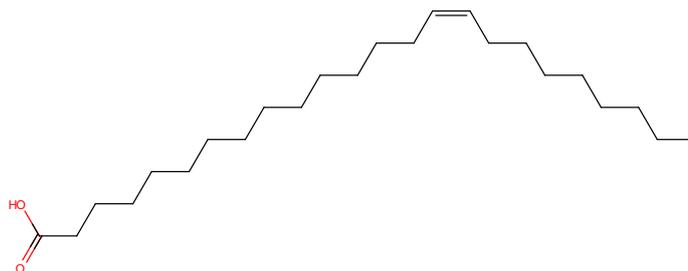
Nervonic Acid

Catalog No.: NST-10-198

CAS No.: 506-37-6

Molecular formula: C₂₄H₄₆O₂

MW: 366.62



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥90.0%	GC
5.	Sulfated ash	≤3.0 %	In house
6.	Loss on drying	≤3.0 %	In house
7.	Melting point	40°C-43°C	Melting point apparatus
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Lead	≤2 ppm	ICP-MS
10.	Arsenic	≤1 ppm	ICP-MS
11.	Mercury	≤0.1 ppm	ICP-MS
12.	Cadmium	≤1 ppm	ICP-MS
13.	Chrome	≤2 ppm	ICP-MS
14.	TPC	Not more than 10 ³ CFU/g	ISO 6579:2002
15.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002
16.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002

17.	<i>Salmonella</i>	Absent	ISO 6579:2002
18.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

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

Stability: 24 months when properly stored