

QUALITY SPECIFICATION

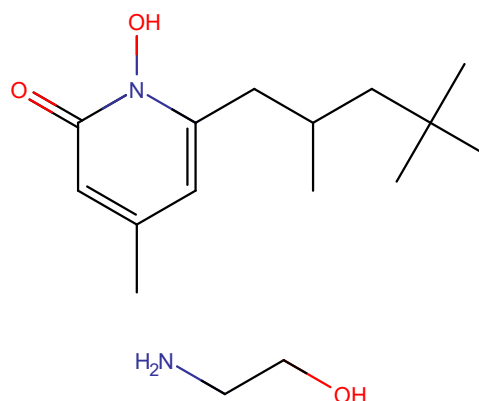
Piroctone olamine

Catalog No.: NST-10-228

CAS No.: 68890-66-4

Molecular formula: $C_{16}H_{30}N_2O_3$

MW: 298.42



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥98.0 %	HPLC
5.	Melting point	130°C-136°C	Melting point apparatus
6.	Solvent residues	≤5000 ppm	GC
7.	Sulfated ash	≤0.2 %	In house
8.	Loss on drying	≤0.3 %	In house
9.	Heavy Metals	≤10 ppm	ICP-MS
10.	Lead	≤2 ppm	ICP-MS
11.	Arsenic	≤1 ppm	ICP-MS
12.	Mercury	≤0.1 ppm	ICP-MS
13.	Cadmium	≤1 ppm	ICP-MS

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

Stability: 24 months when properly stored