



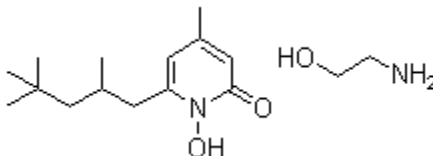
# Specification

21.10.2015

Code No: PS03931

CAS No: 68890-66-4

**Chemical Name:** **Piroctone olamine**  
**Synonyms :** 1-Hydroxy-4-methyl-6(2,4,4-trimethylpentyl)2-pyridon monoethanolamine salt

**Structure:**

**Molecular Formula:** C<sub>14</sub>H<sub>23</sub>NO<sub>2</sub>·C<sub>2</sub>H<sub>7</sub>NO;C<sub>16</sub>H<sub>30</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight:** 298.42

**Product Properties:**

**Appearance:** White or creamish powder  
**Solubility:** 0,05G/1litr water  
**M Range:** 130 - 136 °C  
**Identification IR:** match with WRS  
**PH of 1% suspension in water:** 8.5 - 10  
**LOD:** NMT 2.0 %  
**Sulphated Ash:** NMT 0.2 %  
**Assay :** 98 - 101 °  
**Monoethanolamine content:** 20.1 - 20.9 %  
**Residual solvent**  
**Hexane:** NMT 290 ppm  
**Ethyl acetate:** NMT 5000 ppm  
**Microbiological count**  
**TPC:** 300cfu/g max.  
**Yeast & Mould:** 10 cfu/g max.

**Storage:** Keep tightly closed, store in cool place

**Application:** Pharmaceutical product

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