

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	31931
<b>Product</b>	<b>Piroctone olamine</b>
<b>Lot Number</b>	002835-20190410 1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)-pyridone ethanolamine
<b>CAS Number</b>	68890-66-4
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>23</sub> NO <sub>2</sub> •C <sub>2</sub> H <sub>7</sub> NO

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in methanol, insoluble in water
<b>Odor</b>	Characteristic
<b>Melting Point</b>	135.2 °C
<b>Heavy Metals</b>	< 8 ppm
<b>pH</b>	9.78 (1% in water, 20 °C)
<b>UV Ratios</b>	E1% (1 cm) at 317 nm = 232
<b>Light Transmittance</b>	Hexane : Absent Ethyl acetate : < 200 ppm
<b>Loss on Drying</b>	0.06%
<b>Particle Size</b>	D(0.5) : 40 um
<b>Related Substances</b>	Nitrosamine content : < 40 ppb
<b>Ash</b>	0.10% (SO <sub>4</sub> )
<b>Purity by HPLC</b>	99.82%
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Ethanolamine : 20.3%

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**