

Octopirox®

1-Hydroxy-4-methyl-6-(2,4,4-trimethyl)-pentyl-2(1H)-pyridone,
2-aminoethanol salt

Global Product Specification

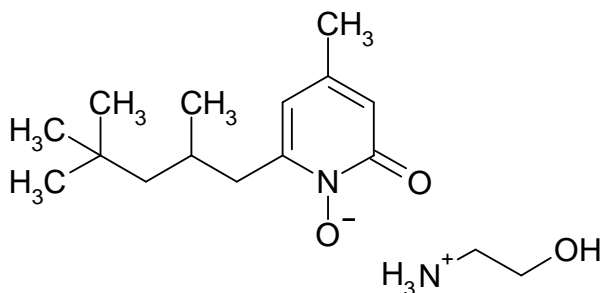
Country of Origin:
Höchst/Germany

<u>Item</u>	<u>Control Test No.</u>	<u>Specification</u>
Appearance	OCP 011 AS 00000 C	White to slightly yellowish-white, crystalline powder; slight characteristic odour
Identification - IR Spectrum	OCP 022 AS 00000 C	The maxima in the spectrum of the substance correspond with respect to position and relative intensity to those in the spectrum of the reference standard
- UV Spectrum		Absorption maximum at 317 ± 2 nm; Specific absorbance in the maximum at 317 nm: 214 to 236, calculated with reference to the dried substance
- TLC	OCP 062 AS 00000 C	R_f (sample) = R_f (standard)
- Melting Point	OCP 151 AS 00000 C	133 - 136°C under decomposition
Appearance of solution - Clarity	OCP 042 AS 00000 C	Clear
- Colour		Not more intensely coloured than reference solution Y_5
pH value	OCP 052 AS 00000 C	8.5 - 10.0
Related substances (TLC) - By-products, single	OCP 062 AS 00000 C	max. 0.5 %
Heavy Metals	OCP 081 AS 00000 C	max. 10.0 µg/g

Loss on drying	OCP 091 AS 00000 C	max. 0.3 %
Sulphated ash	OCP 101 AS 00000 C	max. 0.2 %
Content of Monoethanol-amine (Potentiometry)	OCP 122 AS 00000 C	20.1 - 20.9 %, calculated with reference to the dried substance
Content (Potentiometry)	OCP 131 AS 00000 C	98.0 - 101.5 %, calculated with reference to the dried substance

Product Properties

Formula:



Solubility: (Ph.Eur.2, USP 23)	Water	Very slightly soluble
	Ethanol	Freely soluble
	Chloroform	Freely soluble
	Ether	Very slightly soluble

pK_a 7.4

Storage Directions: Store below +25°C, protected from light.

Product Code : 105273
 CAS No : 68890-66-4
 INCI Name : Piroctone Olamine

Version : 3
 Date of Issue : 03/18/2014

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