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Clariant

Octopirox®

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

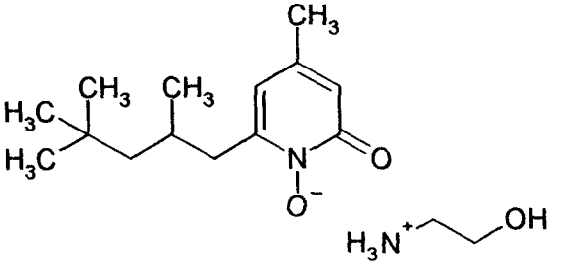
Product Specification

Item	Control Test No.	Specification
Appearance	PKØD011KR00000	White to slightly yellowish-white, crystalline powder; slight characteristic odour
Identification - IR Spectrum	PKØD021KR00000	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		Rf (sample) = Rf (standard)
- Melting Point		133 - 136°C under decomposition
Appearance of solution	PKØD031KR00000	
- Clarity		Clear
- Colour		Not more intensely coloured than reference solution Y_5
pH value	PKØD041KR00000	8.5 - 10.0
Related substances (TLC)	PKØD051KR00000	
- By-products, single		max. 0.5 %
Heavy Metals	PKØD061KR00000	max. 10.0 µg/g
Loss on drying	PKØD071KR00000	max. 0.3 %

Sulphated ash	PKØD081KR00000	max. 0.2 %
Content of Monoethanol-amine (Potentiometry)	PKØD091KR00000	20.1 - 20.9 %, calculated with reference to the dried substance
Content (Potentiometry)	PKØD101KR00000	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 Version : 2
CAS No : 68890-66-4 Date of Issue : 28.05.2001