

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS PIROCTONE OLAMINE

#### DESCRIPTION

**Product:** Piroctone Olamine  
**INCI Name:** Piroctone Olamine  
**CAS No:** 68890-66-4  
**EINECS No:** 272-574-2

#### CHARACTERISTICS

SI No.	TEST	SPECIFICATION	RESULTS
1	Appearance	White Crystalline powder	White Crystalline Powder
2	Solubility	Soluble in ethanol & Chloroform	Complies
3	Identification by a. Infrared absorption b. Ultraviolet (UV) at 317nm	Match standard spectrum	Complies
4	Melting range	130 - 136 °C	131.4 – 132.6 °C
5	pH of 1% suspension in pH 7 water	8.5 - 10.0	9.50
6	Loss on Drying	Max. 0.3 %	0.04 %
7	Sulphated Ash	Max. 0.2 %	0.02 %
8	Heavy Metals	Max. 10 ppm	< 10 ppm
9	Monethanolamine content (on a dried basis)	20.1 to 20.9 %	20.55 %
10	Assay as Potentiometry (on dried basis)	98.0 – 101.5 %	100.40 %
11	Residual Solvents by GC/HS 1. Methanol 2. Ethyl Acetate	Max 500 ppm Max 500 ppm	< 500 ppm < 500 ppm
		Microbiological analysis	
12	Total Viable Count	≤100 CFU/g	≤10 CFU/g
13	Yeast and Moulds	≤10 CFU/g	≤10 CFU/g
14	Gram Negative Bacilli	Negative to test	Negative to test
15	E. Coli	Negative to test	Negative to test
16	Salmonella	Negative to test	Negative to test
17	Pseudomonas Aeruginosa	Negative to test	Negative to test
18	Staphylococcus Aureaus	Negative to test	Negative to test

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*Piroctone Olamine - COA*