

TECHNICAL DATA SHEET

SpecKare™ PO (Piroctone olamine)

Items	Standards
Appearance	White crystalline powder
Odor	Characteristic
Solubility	Water (0.10g+10mL): non-soluble Methanol (1.00g+10mL): soluble
Purity(HPLC)	≥99.0%
pH(1% in water, 20℃)	8.5-10.0
Melting point	130-135℃
Loss on drying	≤0.3%
Ash (SO ₄)	≤0.2%
Particle size distribution	100mesh
E 1% (1 cm) at 317 nm expressed an dried substance	214-236
Ethanolamine	20.0-21.0%
Nitrosamine content (PPb)	≤50
Heavy metals (Pb,As,Cd,Co,Cr,Hg,Ni,Sb)	≤10 PPM
Hexane(GC)	≤300ppm
Ethyl acetate(GC)	≤5000ppm