



Specifications

Appearance	White, free flowing crystalline powder, free from visible contamination
Acid Number(mg KOH/g)	675 ± 2
4-Carboxybenzaldehyde (ppm w/w)	Max 25
Combined p-toluic acid & 4-Carboxybenzaldehyde (ppm w/w)	Max 190
Benzoic acid (ppm w/w)	Max 30
Al,Ca,Co,Cr,Fe,K,Mg,Mn,Na,Ni,Ti,(ppm w/w)	None greater than 1 and in total max 4



Water (% pct w/w)	Max 0.15
Ash (ppm w/w)	Max 6
Millipore	Min 0.90
Appearance compared with standard	Acceptable
b* colour	0.4 - 1.2
Typical Physical Properties	
Molecular weight	166.30
Melting Point in sealed tube (°C)	425 (sublimation occurs above 300°C at atmospheric pressure).
Solubility	1 part in 67,000 parts water at 10 °C. Partially soluble in dimethyl formamide and pyridine.
Typical median particle size range (micron)	130 ± 25
Typical bulk density g/ml (DIN 53194)	1.12
Typical angle of repose (degrees) (poured)	Poured 40

Last Updated on April 5, 2016

