

SPECIFICATION

Glycerol

for RoHS

REQUIREMENT	SPECIFICATION
Assay (HOCH ₂ CHOHCH ₂ OH) (GC)	min.99.5%(mass/mass)
Appearance	max.10Hazen units
Water	max.1.0%(mass/mass)
Residue after ignition (as sulfate)	max.0.005%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.002%(mass/mass)
Alkalinity (as NH ₃)	max.4ppm(mass/mass)
Chloride (Cl)	max.1ppm(mass/mass)
Sulfate (SO ₄)	max.5ppm(mass/mass)
Heavy metals (as Pb)	max.1ppm(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Ammonium (NH ₄)	max.5ppm(mass/mass)
Acrolein and sugars	to pass test
Fatty acid esters (as glycerol tributyrat)	max.0.05%(mass/mass)
Aldehyde (as HCHO)	max.10ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.100ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm