

## SPECIFICATION

Nitric Acid  
for RoHSII

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Assay (HNO <sub>3</sub> )	60~61%(mass/mass)
Residue after ignition (as sulfate)	max.3ppm(mass/mass)
Chloride (Cl)	max.0.3ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.5ppm(mass/mass)
Copper (Cu)	max.0.1ppm(mass/mass)
Lead (Pb)	max.0.1ppm(mass/mass)
Arsenic (As)	max.0.01ppm(mass/mass)
Iron (Fe)	max.0.2ppm(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.0.1ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm
Diisobutyl phthalate (DIBP) (RoHS)	max.1ppm
Dibutyl phthalate (DBP) (RoHS)	max.1ppm
Butyl benzyl phthalate (BBP) (RoHS)	max.1ppm
Bis(2-ethylhexyl) phthalate (DEHP) (RoHS)	max.1ppm