

SPECIFICATION

N,N-Dimethylformamide

for RoHS

REQUIREMENT	SPECIFICATION
Description	Colorless clear liquid
Assay [HCON(CH ₃) ₂] (GC)	min.99.5%(mass/mass)
Appearance	max.10 Hazen units
Solubility in water	to pass test
Solubility in ethanol	to pass test
Density (20°C)	0.947~0.952g/ml
Refractive index 20°C	1.428~1.432
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.005%(mass/mass)
Acidity (as HCOOH)	max.0.003%(mass/mass)
Alkalinity (as NH ₃)	max.0.002%(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
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