

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 |