

SPECIFICATION

Dimethyl Sulfoxide

Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Solubility	to pass test
Solubility in water	to pass test
Density (20°C)	1.098~1.103g/mL
Freezing point	18~20°C
Refractive index 20°C	1.477~1.480
Absorbance (280nm)	max.0.20
Water	max.0.05%
Acidity (as H ₂ SO ₄)	max.50ppm
Copper (Cu)	max.5ppb
Lead (Pb)	max.5ppb
Iron (Fe)	max.10ppb
Dimethyl sulfide [(CH ₃) ₂ S]	max.0.1%
Dimethyl sulfone [(CH ₃) ₂ SO ₂]	max.0.1%
Methanethiol	to pass test (CH ₄ S:max.about 0.01%)
Ninhydrin reactive substances	to pass test
Assay (capillary GC)	min.99.5%