

SPECIFICATION

Acetonitrile
for Tiuram Analysis

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.780~0.782g/ml
Refractive index 20°C	1.343~1.346
Absorbance (200nm)	max.0.05
Absorbance (210nm)	max.0.03
Absorbance (220nm)	max.0.02
Absorbance (225~400nm)	max.0.01
Water	max.0.05%
Residue after evaporation	max.0.001%
Acidity (as CH ₃ COOH)	max.0.001%
Ammonium (NH ₄)	max.0.3ppm
Peroxide (as H ₂ O ₂)	max.5ppm
Fluorescence test	to pass test
Substances reducing permanganate	to pass test
Gradient test	to pass test
Suitability for thiuram determination	to pass test
Assay (capillary GC)	min.99.8%