

Code No.02-0326

## SPECIFICATION

## Butyl Acetate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay ( $\text{CH}_3\text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ ) (GC)	min.99.0%(mass/mass)
Density (20°C)	0.878~0.883g/ml
Refractive index 20°C	1.392~1.397
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.002%(mass/mass)
Acidity (as $\text{CH}_3\text{COOH}$ )	max.0.003%(mass/mass)
1-Butanol [ $\text{CH}_3(\text{CH}_2)_3\text{OH}$ ] (GC)	max.0.3%(mass/mass)
Butyl formate [ $\text{HCOO}(\text{CH}_2)_3\text{CH}_3$ ] (GC)	max.0.1%(mass/mass)
2-Methylpropyl acetate [ $\text{CH}_3\text{COOCH}_2(\text{CH}_3)_2$ ] (GC)	max.0.5%(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8377:2014

(\*:Additional test performed by Wako but not required by JIS)