

## SPECIFICATION

## 4-Methyl-2-pentanone

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless ~ nearly colorless, clear liquid
Assay [(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub> ](GC)	min.99.5%(mass/mass)
Solubility in ethanol	to pass test
Density (20°C)	0.799~0.804g/ml
Refractive index 20°C	1.394~1.397
Water	max.0.1%(mass/mass)
Residue after evaporation	max.0.001%(mass/mass)
Acidity (as CH <sub>3</sub> COOH)	max.0.01%(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8903:2014

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