

## SPECIFICATION

## Tetrahydrofuran, Stabilizer Free

for the Japanese Pharmacopoeia General Tests (for Liquid Chromatography)

REQUIREMENT	SPECIFICATION
Description (JP)	Colorless clear liquid
Refractive index 20°C (JP)	1.406~1.409
Density (20°C) (JP)	0.884~0.889g/mL
Absorbance (240nm) (JP)	max.0.35
Absorbance (254nm) (JP)	max.0.20
Absorbance (280nm) (JP)	max.0.05
Absorbance (290nm) (JP)	max.0.02
Absorbance (300~400nm) (JP)	max.0.01
Peroxide (JP)	max.0.01%
* Appearance	Colorless clear liquid
* Density (20°C)	0.885~0.888g/mL
* Refractive index 20°C	1.406~1.409
* Absorbance (215nm)	max.1.00
* Absorbance (230nm)	max.0.50
* Absorbance (240nm)	max.0.30
* Absorbance (254nm)	max.0.20
* Absorbance (270nm)	max.0.05
* Absorbance (280nm)	max.0.03
* Absorbance (300~400nm)	max.0.01
* Water	max.0.02%
* Acidity (as CH <sub>3</sub> COOH)	max.0.001%
* Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.0.01%
* Fluorescence test	to pass test
* Assay (capillary GC)	min.99.8%
Assay (USP-NF)	min.99.9%
Color (APHA) (USP-NF)	max.20
Peroxide (as H <sub>2</sub> O <sub>2</sub> ) (USP-NF)	max.0.015%
Residue after evaporation (USP-NF)	max.0.03%
Water (H <sub>2</sub> O) (USP-NF)	max.0.05%

This product is suited for Tetrahydrofuran for liquid chromatography of general tests on The Japanese Pharmacopoeia.  
(\*:Additional test performed by Wako)(1/2)USP-NF Reagent Tetrahydrofuran, for chromatographic application.(2/2)