

# Product Specification

Standard number : LC-014  
Issue number : CDM01  
Code number : 33001917

Name : Tetrahydrofuran

(Other name : )  
Grade : L C  
Volume : 3 L

3-2-12 UCHIHIRANOMACHI, CHUO-KU,  
OSAKA 540-0037, JAPAN

HAYASHI PURE CHEMICAL IND.,LTD.

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Liquid	Visual method
2	(Hue)	-	Colorless	Visual method
3	Assay (C <sub>4</sub> H <sub>8</sub> O) (GC)	%	min. 99.5	Gas chromatography
4	Density (20°C)	g/mL	0.884 ~ 0.889	Density and specific gravity meter method
5	Refractive index $n_D^{20}$	-	1.406 ~ 1.409	Refractometer method
6	Water	%	max. 0.01	Karl Fischer titration method
7	Residue on evaporation	ppm	max. 5	Weighting method
8	Peroxides (as H <sub>2</sub> O <sub>2</sub> )	%	max. 0.01	Colorimetry
9	Absorbance (d:1cm, reference:water)	-	max. 0.35	Ultraviolet absorption spectrophotometry
	240 nm	-	max. 0.20	
	254 nm	-	max. 0.05	
	280 nm	-	max. 0.02	
	290 nm	-	max. 0.01	
	300 ~ 400 nm	-		
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