

# Product Specification

Standard number : LC-003  
Issue number : CDM01  
Code number : 33001516

Name : 2-Propanol

(Other name : Isopropyl alcohol )  
Grade : L C  
Volume : 1 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 ((CH <sub>3</sub> ) <sub>2</sub> CHOH) (GC)	%	min. 99.5	Gas chromatography	
4	Density (20°C)	g/mL	0.784 ~ 0.787	Density and specific gravity meter method	
5	Refractive index $n_D^{20}$	-	1.376 ~ 1.379	Refractometer method	
6	Absorbance (d:1cm, reference:water)	-	210nm	max. 0.70	Ultraviolet absorption spectrophotometry
			220nm	max. 0.30	
			230nm	max. 0.15	
			254nm	max. 0.03	
			260~400nm	max. 0.01	
7	Water	%	max. 0.05	Karl Fischer titration method	
8	Residue on evaporation	ppm	max. 5	Weighting method	
9	Peroxides (as H <sub>2</sub> O <sub>2</sub> )	%	max. 0.001	Oxidation-reduction titration	
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