

Product Specification

Standard number : LC-004
Issue number : CDM01
Code number : 33000426

Name : Ethanol (99.5)

(Other name :)
Grade : L C
Volume : 5 0 0 mL

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 ₂ H ₅ OH) (GC)	%	min. 99.5	Gas chromatography	
4	Density (20°C)	g/mL	0.789 ~ 0.791	Density and specific gravity meter method	
5	Refractive index n_D^{20}	-	1.360 ~ 1.363	Refractometer method	
6	Absorbance (d:1cm, reference:water)	-	210nm	max. 0.65	Ultraviolet absorption spectrophotometry
			220nm	max. 0.45	
			230nm	max. 0.25	
			254nm	max. 0.02	
			280~400nm	max. 0.01	
7	Water	%	max. 0.2	Karl Fischer titration method	
8	Residue on evaporation	ppm	max. 5	Weighting method	
9	Peroxides (as H ₂ O ₂)	%	max. 0.001	Oxidation-reduction titration	
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