

Name : Ethanol (99.5)

Another name : Ethyl alcohol (99.5)

Grade : Special Grade

Volume : 3L

Specification number : A-054

Issue number : AGJ21

Code number : 05001967

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Volatile liquid	JIS K8101-2006
2	Appearance (Hue)	-	Colorless	
3	Assay (C <sub>2</sub> H <sub>5</sub> OH)(GC)	%	min. 99.5	
4	Density (20°C)	g/mL	0.789 ~ 0.791	
5	Water	%	max. 0.2	
6	Residue on evaporation	%	max. 0.001	
7	Acid (as CH <sub>3</sub> COOH)	%	max. 0.002	
8	Base (as NH <sub>3</sub> )	ppm	max. 1	
9	Aldehyde and ketone (as CH <sub>3</sub> COCH <sub>3</sub> )	%	max. 0.001	
10	Methanol (CH <sub>3</sub> OH)	%	max. 0.02	
11	2-Propanol (CH <sub>3</sub> CHOHCH <sub>3</sub> )	%	max. 0.01	
12	1-Propanol (CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> OH)	%	max. 0.005	
13	1-Butanol [CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> OH]	-	max. 0.005	
14	Substances reducing permanganate	-	Not more red than comparison solution	
15	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	-	H <sub>2</sub> SO <sub>4</sub> solution is not colored	
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remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.