

Name : Ethanol (99.5)

Another name : Ethyl alcohol (99.5)

Grade : Special Grade

Volume : 500mL

Specification number : A-054

Issue number : AGJ21

Code number : 05000465

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 ₂ H ₅ 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 ₃ COOH)	%	max. 0.002	
8	Base (as NH ₃)	ppm	max. 1	
9	Aldehyde and ketone (as CH ₃ COCH ₃)	%	max. 0.001	
10	Methanol (CH ₃ OH)	%	max. 0.02	
11	2-Propanol (CH ₃ CHOHCH ₃)	%	max. 0.01	
12	1-Propanol (CH ₃ CH ₂ CH ₂ OH)	%	max. 0.005	
13	1-Butanol [CH ₃ (CH ₂) ₃ OH]	-	max. 0.005	
14	Substances reducing permanganate	-	Not more red than comparison solution	
15	Substances darkened by H ₂ SO ₄	-	H ₂ SO ₄ solution is not colored	
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

remark

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