

Name : **Methanol**

Another name : Methyl alcohol

Grade : EL

Volume : 3.5L

Specification number : EL-028-02

Issue number : AAM11

Code number : 51003467

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification
1	Appearance (Form)	-	Liquid
2	Appearance (Hue)	-	Colorless
3	Assay (GC)	%	min. 99.9
4	Solubility in water	-	Clear
5	Refractive index n <sub>20</sub> /d	-	1.327 ~ 1.330
6	Water	%	max. 0.1
7	Residue on evaporation	ppm	max. 2
8	Acid (as HCOOH)	ppm	max. 20
9	Base (as NH <sub>3</sub> )	ppm	max. 2
10	Acetone and aldehyde (as CH <sub>3</sub> COCH <sub>3</sub> )	ppm	max. 10
11	Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	%	max. 0.05
12	Substances reducing permanganate (as O)	ppm	max. 5
13	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	-	Not darker than colorimetric standard solution A
14	Copper (Cu)	ppm	max. 0.01
15	Iron (Fe)	ppm	max. 0.02
16	Potassium (K)	ppm	max. 0.1
17	Sodium (Na)	ppm	max. 0.1
18	Nickel (Ni)	ppm	max. 0.01
19	Lead (Pb)	ppm	max. 0.1
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