

# Product Specification

Name : **Methanol**

Another name : Methyl alcohol

Grade : LC

Volume : 1L

Specification number : LC-020

Issue number : CDM01

Code number : 33001216

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Liquid	Visual method
2	Appearance (Hue)	-	Colorless	Visual method
3	Assay (CH <sub>3</sub> OH)(GC)	%	min. 99.5	Gas chromatography
4	Density (20°C)	g/mL	0.791 ~ 0.793	Density and specific gravity meter method
5	Refractive index n <sub>20</sub> /d	-	1.327 ~ 1.330	Refractometer method
6	Absorbance (d:1cm, reference:water)	-	-	-
7	210nm	-	max. 0.70	Ultraviolet absorption spectrophotometry
8	220nm	-	max. 0.33	Ultraviolet absorption spectrophotometry
9	230nm	-	max. 0.15	Ultraviolet absorption spectrophotometry
10	254nm	-	max. 0.03	Ultraviolet absorption spectrophotometry
11	270 ~ 400nm	-	max. 0.01	Ultraviolet absorption spectrophotometry
12	Water	%	max. 0.05	Karl Fischer titration method
13	Residue on evaporation	ppm	max. 5	Weighting method
14	Peroxides (as H <sub>2</sub> O <sub>2</sub> )	%	max. 0.001	Oxidation-reduction titration
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