

# Product Specification

Name : 4-Methyl-2-pentanone

Another name : Methyl isobutyl ketone, MIBK

Grade : First Grade

Volume : 3L

Specification number : Ma-025

Issue number : BGF11

Code number : 13002397

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	Applicable to JIS K8903-2014
2	Appearance (Hue)	-	Colorless transparent ~ almost transparent	
3	Assay [(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub> ](GC)	%	min. 99.5	
4	Solubility in ethanol	-	Clear	
5	Density (20°C)	g/mL	0.799 ~ 0.804	
6	Refractive index n <sub>20</sub> /d	-	1.394 ~ 1.397	
7	Water	%	max. 0.3	
8	Residue on evaporation	%	max. 0.003	
9	Acid (as CH <sub>3</sub> COOH)	%	max. 0.01	
10	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	-	Not darker than colorimetric standard solution L	
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