

# Product Specification

 Name : **2-Butanone**

Another name : Methyl ethyl ketone

Grade : EL

Volume : 500mL

Specification number : EL-047-02

Issue number : ACE03

Code number : 51003525

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	%	min. 99.0
4	Solubility in water	-	Within almost clear
5	Specific gravity (20/20°C)	-	0.804 ~ 0.808
6	Refractive index n <sub>20</sub> /d	-	1.378 ~ 1.381
7	Water	%	max. 0.3
8	Residue on evaporation	ppm	max. 30
9	Acid (as CH <sub>3</sub> COOH)	%	max. 0.01
10	Alkali (as NH <sub>3</sub> )	ppm	max. 20
11	Substances reducing permanganate (as O)	%	max. 0.002
12	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	-	Not darker than colorimetric standard solution K
13	Copper (Cu)	ppm	max. 0.01
14	Iron (Fe)	ppm	max. 0.05
15	Nickel (Ni)	ppm	max. 0.01
16	Lead (Pb)	ppm	max. 0.1
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