

# Product Specification

Name : **Ultrapure water**

Another  
name :

Grade : for Chemical analysis

Volume : 500mL

Specification number : Ta-178-03

Issue number : CBH15

Code number : 44029855

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 transparent	Visual method
3	Density (20°C)	g/mL	0.997 ~ 0.999	Density and specific gravity meter method
4	Refractive index n <sub>20</sub> /d	-	1.332 ~ 1.334	Refractometer method
5	Chloride ion (Cl <sup>-</sup> )	mg/L	max. 0.1	Ion chromatography
6	Nitrite ion (NO <sub>2</sub> <sup>-</sup> )	mg/L	max. 0.5	Ion chromatography
7	Nitrate ion (NO <sub>3</sub> <sup>-</sup> )	mg/L	max. 0.5	Ion chromatography
8	Sulfate ion (SO <sub>4</sub> <sup>2-</sup> )	mg/L	max. 0.5	Ion chromatography
9	Lead (Pb)	mg/L	max. 0.25	ICP-MS
10	Electrical conductivity (25°C)	μS/cm	max. 5*	Conductometry
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remark

\* This is guaranteed specification before filling the container.