

# Product Specification

Standard number : Ta-178-03  
Issue number : CBH15  
Code number : 44029855

Name : Ultrapure water

(Other name : )

Grade : for Chemical analysis  
Volume : 5 0 0 m L

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

HAYASHI PURE CHEMICAL IND.,LTD.

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Liquid	Visual method
2	(Hue)	-	Colorless transparent	Visual method
3	Density (20°C)	g/mL	0. 9 9 7 ~ 0. 9 9 9	Density and specific gravity meter method
4	Refractive index $n_D^{20}$	-	1. 3 3 2 ~ 1. 3 3 4	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. 2 5	ICP-MS
10	Electrical conductivity (25°C)*	μ S/cm	max. 5	Conductometry
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remark \* This is guaranteed specification before filling the container.