

# Product Specification

Standard number : LC-012  
Issue number : CDF18  
Code number : 33000347

Name : Distilled water

(Other name : )  
Grade : L C  
Volume : 3 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	Refractive index $n_D^{20}$		1.332 ~ 1.334	Refractometer method
4	Absorbance (d:1cm, reference:water)	-		Ultraviolet absorption spectrophotometry
	210nm		max. 0.03	
	254nm		max. 0.02	
	280~400nm		max. 0.01	
5	Residue on evaporation	ppm	max. 5	Weighting method
6	Substances reducing permanganate	-	Keep red for 10 minutes (0:max.0.8ppm)	Colorimetric method
7	Total organic carbon (TOC)	mg/L	max. 0.2 *	Total organic carbon meter method
8	General bacteria	-	Not to be detected *	Standard method agar method
9	Coliform group	-	Not to be detected *	Desoxycholate agar medium method
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remark \*This is the guaranteed specification immediately after distillation (before filling the container).