

Product Specification

Standard number : A-112
Issue number : CBK05
Code number : 08000865

Name : Hydrochloric acid

(Other name :)

Grade : for Arsenic analysis
Volume : 5 0 0 mL

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	JIS K8180-2021
2	(Hue)	Hazen units	Not darker than colorimetric solution 10	
3	Assay (HCl)	mass %	35.0 ~ 37.0	
4	Residue on evaporation	mass %	max. 0.001	
5	Residue on ignition (sulfate)	mass ppm	max. 5	
6	Sulfate (SO ₄)	mass ppm	max. 1	
7	Free chlorine	-	Red does not appear in the carbon disulfide layer (Cl : max.0.1 mass ppm)	
8	Substances reducing iodine	-	to pass test (sulfite(SO ₃):max.1 mass ppm)	
9	Ammonium (NH ₄)	mass ppm	max. 3	
10	Arsenic (As)	mass ppm	max. 0.005	
11	Copper (Cu)	mass ppm	max. 0.1	
12	Iron (Fe)	mass ppm	max. 0.2	
13	Lead (Pb)	mass ppm	max. 0.2	
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remark With revision of JIS, etc. a part of the above contents may be updated without prior notification.