

Name : Ammonia solution (28%)

Another
name :

Grade : PG

Volume : 500mL

Specification number : PG-023

Issue number : BJB28

Code number : 27001845

HAYASHI PURE CHEMICAL IND.,LTD.

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

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (APHA)	-	max. 10	Visual method
2	Assay (NH ₃)	%	28.0 ~ 29.0	Titrimetry
3	Residue on ignition	ppm	max. 10	Weighting method
4	Chloride (Cl)	ppm	max. 0.2	Ion chromatography
5	Carbonate (CO ₃)	ppm	max. 20	Turbidimetry
6	Sulfate (SO ₄)	ppm	max. 1	Ion chromatography
7	Phosphate (PO ₄)	ppm	max. 0.1	Ion chromatography
8	Substances reducing permanganate (as SO ₂)	ppm	max. 20	Colorimetry
9	Calcium (Ca)	ppm	max. 0.1	ICP-MS
10	Copper (Cu)	ppm	max. 0.01	ICP-MS
11	Iron (Fe)	ppm	max. 0.1	ICP-MS
12	Magnesium (Mg)	ppm	max. 0.1	ICP-MS
13	Sodium (Na)	ppm	max. 0.5	ICP-MS
14	Nickel (Ni)	ppm	max. 0.01	ICP-MS
15	Lead (Pb)	ppm	max. 0.002	ICP-MS
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