

PRODUCT IDENTITY

PRODUCT NAME	Ammonia solution	PRODUCT NUMBER	A112084
Grades & Purity	UltraPureChrom™, for LC-MS, ≥25% in H2O	VERSION	3
CAS NUMBER	1336-21-6	FORMULA	H ₅ NO
FORMULA WEIGHT	35.05g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Sodium(Na)	0-0.01 (ppm)
Beryllium(Be)	0-0.01 (ppm)
(Pb)Lead	0-0.01 (ppm)
Sulfate(SO ₄ ²⁻)	0-1 (ppm)
Potassium(K)	0-0.01 (ppm)
Platinum(Pt)	0-0.01 (ppm)
Iron(Fe)	0-0.01 (ppm)
Gallium(Ga)	0-0.01 (ppm)
Barium(Ba)	0-0.01 (ppm)
Cobalt (Co)	0-0.01 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Vanadium(V)	0-0.01 (ppm)
Nickel(Ni)	0-0.01 (ppm)
Boron(B)	0-0.01 (ppm)
Evaporation Residue	0-0.001 (%)
Cadmium(Cd)	0-0.01 (ppm)
concentration (as NH3)	≥25 (%)
Chromium(Cr)	0-0.01 (ppm)
Manganese(Mn)	0-0.01 (ppm)
Phospate(PO4)	0-0.4 (ppm)
Bismuth(Bi)	0-0.01 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Zirconium(Zr)	0-0.01 (ppm)
Titanium(Ti)	0-0.01 (ppm)
Molybdenum(Mo)	0-0.01 (ppm)
Stannum(Sn)	0-0.01 (ppm)
Magnesium (Mg)	0-0.01 (ppm)
Lithium(Li)	0-0.01 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Zinc(Zn)	0-0.01 (ppm)
Germanium (Ge)	0-0.01 (ppm)
As, Sb (as As):	0-0.01 (ppm)
Indium (In)	0-0.01 (ppm)
Strontium(Sr)	0-0.01 (ppm)
Copper(Cu)	0-0.01 (ppm)
Silver(Ag)	0-0.01 (ppm)
Titanium(Ti)	0-0.01 (ppm)
Aurum(Au)	0-0.01 (ppm)
Chloride (Cl-)	0-0.2 (ppm)
Appearance (A112084)	Colorless Liquid
Infrared spectrum	Conforms to Structure
Solvent(H2O)	Conform