

Certificate of Analysis

Product : Ammonium Hydroxide
Catalog# : C1660
CAS : 1336-21-6
Formula : NH_4OH
MW : 35.05 g/mol
Grade : -
Lot/Batch# : DS-XXXXXX
Manufacture Date : MM/YYYY
Batch Size : xxxx kg
Country of Origin: : xxxxx
Expiration: : MM/YYYY

Analytical Results

TEST	SPECIFICATIONS	TYPICAL RESULTS
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Free of Suspended Matter		
Titration with HCl NH_3	28.0 - 30.0 %	28.7 %
Residue on ignition (Ash)	< 0.002 %	0.002 %
Chloride (Cl)	≤ 0.5 ppm	0.5 ppm
Carbon Dioxide	≤ 0.002 %	0.002 %
Iron (Fe)	≤ 0.2 ppm	0.2 ppm
Heavy Metals (by ICP)	≤ 0.5 ppm	0.1 ppm
Nitrate (ppm)	≤ 2 ppm	< 2 ppm
Phosphate (PO_4)	< 2 ppm	< 2 ppm
Substances reducing MnO_4	Pass	Pass
Sulfate	2 ppm	< 2 ppm
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period 2 Years	-----	-----

Verified By

H. Latorre

Helen Latorre