

AMMONIA SOLUTION SP. GR. 0.91
analytical reagent
2.5 L



RANKEM

Material No.: A0300
Batch No.: V007E19
Manufactured Date: 2019-May-25
Expiration Date: 2022-May-25
CAS No.: 1336-21-6
Molecular Formula: NH₄OH
Molecular Mass: 35.05

Certificate of Analysis

Test	Specification	Result
Guarantee Analysis	.	.
Assay	Min. 25.00 %	26.70 %
Specific Gravity	0.890 --> 0.910	0.910
Maximum Limits Of Impurities	.	.
Non volatile matter	Max. 0.0020 %	0.0010 %
Carbonate(CO ₃)	<=0.002%	<=0.002%
Chloride (Cl)	<=0.00005%	<=0.00005%
Phosphate (PO ₄)	<= 0.0001%	<= 0.0001%
Sulphate (SO ₄)	<=0.0002%	<=0.0002%
Sulphide (S)	<=0.00001%	<=0.00001%
Arsenic(As)	<=0.000005%	<=0.000005%
Calcium (Ca)	<= 0.0001%	<= 0.0001%
Copper(Cu)	Max. 0.000010 %	0.000002 %
Iron (Fe)	Max. 0.000020 %	0.000010 %
Lead (Pb)	Max. 0.000040 %	0.000020 %
Magnesium (Mg)	Max. 0.00010 %	0.00001 %
Potassium(K)	Max. 0.00010 %	0.00001 %
Sodium (Na)	Max. 0.00050 %	0.00010 %
Zinc (Zn)	Max. 0.000020 %	0.000010 %
Oxygen Absorbed/Reducing Substances(as O	Passes test	Passes test
Pyridine Homologues	<=0.0002%	<=0.0002%
Silicate (SiO ₂)	<=0.001%	<=0.001%

The batch complies with the laid down specification.
Description : A clear, colourless liquid with a pungent odour.