

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium chloride,AR,99.5%

ITEM NUMBER: A116364
BRAND: Aladdin
CAS NUMBER: 12125-02-9
MDL NUMBER: MFCD00143604
FORMULA: NH₄Cl
MOLECULAR WEIGHT: 53.49

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	99.5 %	100 %	100 %
Calcium(Ca)	0 µg/mg /	0.001 µg/mg /	0.001 µg/mg /
Clarity of solution	Clarify		
Ignition residue (as sulfate)	0 %	0.02 %	0.02 %
Insoluble matter in water	0 %	0.005 %	0.005 %
Iron(Fe)	0 ppm	0.0005 ppm	0.0005 ppm
Magnesium(Mg)	0 %	0.001 %	0.001 %
pH(50g/Lsolution , 25 ° C)	4.5	5.5	5.5
Phosphate(PO ₄)	0 %	0.0005 %	0.0005 %
Potassium(K)	0 %	0.005 %	0.005 %
Sodium(Na)	0 %	0.005 %	0.005 %
Sulfate(SO ₄)	0 %	0.005 %	0.005 %
X-Ray Diffraction	Conforms to Structure		