

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium chloride,ACS,99.5%

ITEM NUMBER: A116371
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 /
Heavy metals(as Pb)	0 ppm	5 ppm	5 ppm
Ignition residue (as sulfate)	0 %	0.01 %	0.01 %
Insoluble matter	0 %	0.005 %	0.005 %
Iron(Fe)	0 ppm	0.0002 ppm	0.0002 ppm
Magnesium(Mg)	0 ppm	5 ppm	5 ppm
pH(5%solution , 25 ° C)pH	4.5	5.5	5.5
Phosphate(PO ₄)	0 %	0.0002 %	0.0002 %
Sulfate(SO ₄)	0 %	0.002 %	0.002 %
X-Ray Diffraction	Conforms to Structure		