

Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-A20424-500GM	CHEMPURE Ammonium Chloride, 500 G	112994-191510
Formula	Molecular Weight	Cas Number
NH ₄ Cl	53.49	12125-02-9

QC TEST/RELEASE DATE: 04/01/2020

SUGGESTED RETEST DATE: 11/30/2024

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White granular powder	passed
2	Assay	%	≥ 99.5	99.9
3	Calcium (Ca)	%	≤ 0.001	0.000192
4	Heavy Metals (as Pb)	%	≤ 0.0005	<0.0005
5	Insoluble Matter	%	≤ 0.005	0.0005
6	Iron (Fe)	%	≤ 0.0002	<0.0002
7	Magnesium (Mg)	%	≤ 0.005	0.000149
8	pH, 5% solution in H ₂ O @25 °C		4.5 - 5.5	5.05
9	Phosphate	%	≤ 0.0002	<0.0002
10	Residue after Ignition	%	≤ 0.01	0.004
11	Solubility		Clear, complete and colorless solution	passed
12	Sulfate	%	≤ 0.002	<0.002
13	Production Method		Chemical Synthesis	passed
14	Grade		ACS	passed
15	Country of Origin		Report	India

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