



Specification

Ammonium Chloride ACS

Catalog Number: AC1014
CAS Number: 12125-02-9
Synonym(s): Salmiac
Molecular Formula: NH_4Cl
Molecular Weight: 53.49
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	99.5% - 100.5%
Identification	To pass test
pH	4.5 – 5.5
Insoluble Matter	$\leq 0.005\%$
Residue after Ignition	$\leq 0.01\%$
Calcium	$\leq 0.001\%$
Magnesium	$\leq 0.0005\%$
Heavy Metals	$\leq 5\text{ppm}$
Iron	$\leq 0.0002\%$
Phosphate	$\leq 0.0002\%$
Sulfate	$\leq 0.002\%$

Approved:

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