



Certificate of Analysis

Ammonium Nitrate ACS

Catalog Number: AN1001
Lot Number: 1109601
CAS Number: 6484-52-2
Molecular Formula: NH_4NO_3
Molecular Weight: 80.04
Storage: 15°C – 30°C
Date of Manufacture: May 2, 2016
Retest Date: May 1, 2019

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	$\geq 95.0\%$	99.8%
Solubility	Soluble in water	Conforms
pH (5%)	4.5 – 6.0	4.9
Residue after Ignition	$\leq 0.01\%$	0.005%
Insoluble Matter	$\leq 0.005\%$	0.002%
Chloride	$\leq 0.0005\%$	$< 0.0005\%$
Nitrite	To pass test	Conforms
Phosphate	$\leq 0.0005\%$	$< 0.0005\%$
Sulfate	$\leq 0.002\%$	$< 0.002\%$
Heavy Metals	$\leq 0.0005\%$	$< 0.0005\%$
Iron	$\leq 0.0002\%$	$< 0.0002\%$

Approved by:

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