



Certificate of Analysis

Ammonium Phosphate Monobasic ACS

Catalog Number: AM1006
Lot Number: 0822602
CAS Number: 7722-76-1
Synonym(s): *mono*-Ammonium phosphate, *prim*-Ammonium phosphate, Ammonium dihydrogen phosphate
Molecular Formula: $\text{NH}_4\text{H}_2\text{PO}_4$
Molecular Weight: 115.03
Storage: 15°C – 30°C
Date of Manufacture: November 28, 2015
Retest Date: November 27, 2020

Test	Specification	Result
Appearance	Colorless to white crystals	Conforms
Assay	≥ 98.0%	99.01%
Identification	To meet requirements	Conforms
pH (5%)	3.8 – 4.4	3.92
Insoluble Matter	≤ 0.005%	0.003%
Chloride	≤ 5ppm	< 5ppm
Nitrate	≤ 0.001%	< 0.001%
Sulfate	≤ 0.01%	< 0.01%
Heavy Metals	≤ 5ppm	< 5ppm
Iron	≤ 0.001%	< 0.001%
Calcium	≤ 0.001%	0.0004%
Magnesium	≤ 0.0005%	0.0003%
Potassium	≤ 0.005%	0.0012%
Sodium	≤ 0.005%	0.003%

Approved by:

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Date: August 22, 2016