



Specification

Ammonium Phosphate Dibasic ACS

Catalog Number: AP1002
CAS Number: 7783-28-0
Synonym(s): Ammonium hydrogen phosphate, Diammonium hydrogen phosphate
Molecular Formula: $(\text{NH}_4)_2\text{HPO}_4$
Molecular Weight: 132.06
Storage: 15°C – 30°C
Retest Period: Five years from date of manufacture.

Test	Specification
Appearance	Colorless to white crystals
Assay	≥ 98.0%
Identification (FTIR)	To meet requirements
Solubility (10%)	Clear & colorless
pH (5%)	7.7 – 8.1
Insoluble Matter	≤ 0.005%
Chloride	≤ 0.001%
Nitrate	≤ 0.003%
Sulfate	≤ 0.01%
Heavy Metals	≤ 0.001%
Iron	≤ 0.001%
Calcium	≤ 0.001%
Magnesium	≤ 0.0005%
Potassium	≤ 0.005%
Sodium	≤ 0.005%

Approved:

Date: August 30, 2018

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