



Specification

Ammonium Citrate Dibasic ACS

Catalog Number: AC1002
CAS Number: 3012-65-5
Synonym(s) Citric Acid Ammonium Salt Dibasic
Molecular Formula: $C_6H_{14}N_2O_7$
Molecular Weight: 226.18
Storage: 15°C – 30°C
Retest Date: Three years after date of manufacture.

Test	Specification
Appearance	White crystals
Assay (Titration)	98.0 – 103.0%
Identification	To match reference spectra
Solubility	Freely soluble in water
Insoluble Material	≤ 0.005%
Residue on Ignition	≤ 0.001%
Chloride	≤ 0.001%
Oxalate	To pass test
Phosphate	≤ 5ppm
Sulfur Compounds	≤ 0.005%
Heavy Metals	≤ 5ppm
Iron	≤ 0.001%

Approved by:

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