



Specifications for Triammonium phosphate

Parameter	Value
Molecular Formula	(NH ₄) ₃ PO ₄ 3H ₂ O
Mol Wt	203.06
CAS #	[10361-65-6]
Description	White Crystals
Purity (%)	99 min
P ₂ O ₅ (%)	53 min
Water insolubles (%)	Report
Iron in ppm	Report
Arsenic (%)	Report
Fluoride as F ⁻ (%)	Report
Moisture (%)	0.5 max
pH of 1% solution	7.8 – 8.2

Uses

Industry	Application
Fertilizer	As an important source of phosphorous, an essential soil nutrient
Food	As yeast nutrient in wine making As additive in some brands of cigarette
Process and Manufacturing	As fire retardant