

RM3886 Ammonium dihydrogen orthophosphate, ACS

Product Number Packing

RM3886 : 500G

Product Information

Product Code : RM3886
Product Name : Ammonium dihydrogen orthophosphate, ACS
Synonym : Ammonium phosphate monobasic
Molecular Formula : $NH_4H_2PO_4$
Molecular Weight : 115.03
CAS No. : 7722-76-1
EC No. : 231-764-5
HS Code : 3105 10 00
Shelf Life : 4 years

Technical Specification

Appearance : Colourless or white solid or powder
Solubility : 100 mg soluble in 1 mL of water
pH (5% in water at 25°C) : 3.80 - 4.40
Chloride (Cl) : $\leq 0.0005\%$
Magnesium (Mg) : $\leq 0.0005\%$
Calcium (Ca) : $\leq 0.001\%$
Heavy metals (as Pb) : $\leq 0.0005\%$
Iron (Fe) : $\leq 0.001\%$
Sulphate (SO₄) : $\leq 0.01\%$
Insoluble matter : $\leq 0.005\%$
Sodium (Na) : $\leq 0.005\%$
Nitrate (NO₃) : $\leq 0.001\%$
Potassium (K) : $\leq 0.005\%$
Assay (Acid-base Titration) : min. 98.00 %

Risk and Safety Information

WGK : 1
Storage Temperature(°C) : Store below 30°C

Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods