



Product Specification

cdhfinechemical.com

AMMONIUM DIHYDROGEN ORTHOPHOSPHATE FOR HPLC

PRODUCT CODE	704940	
SYNONYMS	(Ammonium Phosphate Monobasic)	
C.I. NO.	--	
CASR NO.	(7722-76-1)	
ATOMIC OR MOLECULAR FORMULA	NH₄H₂PO₄	
ATOMIC OR MOLECULAR WEIGHT	115.03	
PROPERTIES	--	

PARAMETER	LIMIT
Description	Colourless crystals or white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric)	99.0%
pH (of 10% soln. in water at 25°C)	4.0 – 5.0
Abs. of 0.5M soln in water :	
at 254 nm	0.03
280 nm	0.02
350 nm	0.01

MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	

Hazard Pictogram(s) :-----

Replace Date 15-Sep.-2018