



# Product Specification

cdhfinechemical.com

## AMMONIUM DIHYDROGEN ORTHO PHOSPHATE AR

<b>PRODUCT CODE</b>	<b>456885</b>
<b>SYNONYMS</b>	<b>Ammonium phosphate monobasic</b>
<b>C.I. NO.</b>	—
<b>CASR NO.</b>	<b>7722-76-1</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>NH<sub>4</sub>H<sub>2</sub>PO<sub>4</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>115.03</b>
<b>PROPERTIES</b>	<b>Mildly acid in reaction. Noncombustible.</b>



• NH<sub>3</sub>

PARAMETER	LIMIT
Description	Colourless crystals or a white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric)	99.0%
pH of (5% soln in CO <sub>2</sub> free water)	4.0-4.5

MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Nitrate (NO <sub>3</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Arsenic (As)	0.0001%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%

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

<b>WARNING</b>	IMDG Code : -- UN No. : -- IATA : --
<b>Hazard statements:</b> Not hazardous. No hazards.	
<b>Precautionary statements</b>	
<b>Prevention:</b> ----- <b>Response:</b> -----	

<b>Disposal:</b> -----
<b>Hazard Pictogram(s) :-----</b>

Replace Date 15-Sep.-2018