

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM DIHYDROGEN ORTHOPHOSPHATE AR
(Ammonium Phosphate Monobasic, Ammonium Acid Phosphate)

CAS No : 7722-76-1
Mol. Formula : $\text{NH}_4\text{H}_2\text{PO}_4$
Mol. WT : 115.03
Date of analysis : 19/06/24

Product code : 21560
Batch No : MCAR-00279
Mfd. : June 2024
Exp. : May 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99.0% w/w min	99.92%
3	pH of solution (5% in CO₂ free water)	4 - 4.5	4.21
4	Insoluble matter	0.005%	0.002%
5	Chloride (Cl)	0.0005%max	< 0.0005%
6	Nitrate (NO₃)	0.001%max	< 0.001%
7	Sulphate (SO₄)	0.005% max	<0.005%
8	Copper (Cu)	0.0005% max	< 0.0005%
9	Iron (Fe)	0.001% max	< 0.001%
10	Lead (Pb)	0.0005% max	< 0.0005%
11	Potassium (K)	0.003% max	< 0.003%
12	Sodium (Na)	0.005% max	< 0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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