

CERTIFICATE OF ANALYSIS

PRODUCT NAME : di-AMMONIUM HYDROGEN ORTHOPHOSPHATE AR
(Ammonium Phosphate Dibasic)

CAS No : 7783-28-0
Mol. Formula : $(\text{NH}_4)_2\text{HPO}_4$
Mol. WT : 132.06
Date of analysis : 23/09/24

Product code : 21620
Batch No : MCAR-00612
Mfd. : Sept. 2024
Exp. : Aug. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	98.0 - 102.0%	98.43%
3	pH(5% in CO ₂ free water)	7.8 - 8.5	7.83
4	Water insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.0005% max	<0.0005%
6	Nitrate (NO ₃)	0.001% max	<0.001%
7	Sulphate (SO ₄)	0.01% max	<0.01%
8	Iron (Fe)	0.001% max	<0.001%
9	Lead (Pb)	0.001% max	<0.001%
10	Potassium (K)	0.005% max	<0.005%
11	Sodium (Na)	0.005% max	<0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Shruti)

[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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