

CERTIFICATE OF ANALYSIS

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

CAS No	: 7783-28-0	Product code	: 21620
Mol. Formula	: (NH ₄) ₂ HPO ₄	Batch No	: MCAR-01149
Mol. WT	: 132.06	Mfd.	: Jan. 2025
Date of analysis	: 25/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	98.0 - 102.0%	99.48%
3	pH(5% in CO₂ free water)	7.8 - 8.5	7.99
4	Water insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.0005% max	<0.0005%
6	Nitrate (NO₃)	0.001% max	<0.001%
7	Sulphate (SO₄)	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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