

CERTIFICATE OF ANALYSIS

PRODUCT NAME: POTASSIUM PHOSPHATE DIBASIC (ANHYDROUS) AR
(Di- Potassium hydrogen orthophosphate anhy)

CAS No : 7758-11-4
Mol. Formula : K_2HPO_4
Mol. WT : 174.18
Date of Analysis : 21/04/25

Product code : 25125
Batch No. : MCAR-01498
Mfd. : April 2025
Exp. : March 2030

S.R	Test	Specification	Observation
1	Description	Almost colourless crystals or white powder or crystalline powder.	White powder.
2	Assay	99% min	99.42%
3	pH (0.1M solution)	9.0 – 9.2	9.19
4	Water insoluble matter	0.01%max	0.006%
5	Chloride (Cl)	0.001%max	<0.001 %
6	Lead (Pb)	0.0005%max	<0.0005%
7	Iron (Fe)	0.0005%max	<0.0005 %
8	Loss on drying at 105°C	1.0%max	0.48%
9	Nitrogen compounds (N)	0.001%max	<0.001 %
10	Sodium (Na)	0.05% max	<0.05%
11	Sulphate (SO₄)	0.005% max	<0.005%
12	Arsenic (As)	0.0001% max	<0.0001%
13	Copper (Cu)	0.0002% max	<0.0002%
14	Calcium (Ca)	0.005% max	<0.005%
15	Magnesium (Mg)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Shruti)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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