



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 : 31/10/23

Product code : 25125

Batch No. : MCRT-29612

Mfd. : Oct. 2023

Exp. : Sept. 2028

S.R	Test	Specification	Observation
1	Description	Almost colourless crystals or white powder or crystalline powder.	White powder.
2	Assay	99% min	99.11%
3	pH (0.1M solution)	9.0 – 9.2	9.13
4	Water insoluble matter	0.01%max	0.007%
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	0.93%
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]

[QC Incharge]

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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