

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 : 16/05/23

Product code : 25125
Batch No. : MCRT-28309
Mfd. : May 2023
Exp. : April 2028

S.R	Test	Specification	Observation
1	Description	Almost colourless crystals or white powder or crystalline powder.	White powder.
2	Assay	99% min	99.08%
3	pH (0.1M solution)	9.0 – 9.2	9.10
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	0.94%
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.