

CERTIFICATE OF ANALYSIS

PRODUCT NAME : PHOSPHORUS PENTOXIDE AR

CAS No : 1314- 56- 3
Mol. Formula : P₂O₅
Mol. WT : 141.94
Date of analysis : 09/05/24

Product code : 24730
Batch No. : MCAR-00138
Mfd. : May 2024
Exp. : April 2029

S.R	Test	Specification	Observation
1	Description	White hygroscopic powder.	White hygroscopic powder.
2	Assay	98% min	99.37%
3	Chloride (Cl)	0.001% max	< 0.001%
4	Nitrate (NO ₃)	0.0005% max	<0.0005%
5	Substances soluble in water	0.02% max	0.008%
6	Reducing substances (as P ₂ O ₃)	0.02% max	<0.02%
7	Ammonium (NH ₄)	0.001% max	<0.001%
8	Arsenic (As)	0.005% max	<0.005%
9	Lead (Pb)	0.005% max	<0.005%
10	Cadmium (Cd)	0.0005% max	<0.0005%
11	Iron (Fe)	0.001% max	<0.001%
12	Potassium (K)	0.005% max	<0.005%
13	Cobalt (Co)	0.0005% max	<0.0005%
14	Copper (Cu)	0.0005% max	<0.0005%
15	Manganese (Mn)	0.0005% max	<0.0005%
16	Sodium (Na)	0.005% max	<0.005%
17	Nickel (Ni)	0.0005% max	<0.0005%
18	Zinc (Zn)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Ruchi)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign

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