

CERTIFICATE OF ANALYSIS

Product Name	: POTASSIUM PHOSPHATE DIBASIC ANHYDROUS 98% Extra Pure	Analyzed On	: 15-Mar-2021
Lot No.	: L361732103	Mol. Weight	: 174.18
Mol. Formula	: K ₂ HPO ₄	CAS No.	: 7758-11-4
Code No.	: 05429	Exp. Date	: Feb-2026
Mfg. Date	: Mar-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay (acidimetric; on dried basis)	98 - 100.5%	98.42%
3	pH (10% solution in water)	8.5 - 9.6	8.90
4	Appearance of solution	Passes test	Passes test
5	Insoluble matter in water	Max 0.2%	<0.01%
6	Carbonate	Passes test	passes test
7	Chloride (Cl)	Max 0.02%	0.0090%
8	Fluoride (F)	Max 0.001%	0.001%
9	Sulphate (SO ₄)	Max 0.1%	0.0040%
10	Heavy metal (as Pb)	Max 0.001%	<0.0005%
11	Iron (Fe)	Max 0.001%	0.000090%
12	Arsenic (As)	Max 0.0002%	<0.0002%
13	Sodium (Na)	Max 0.5%	0.234%
14	Potassium hydrogen phosphate (KH ₂ PO ₄)	Max 3.0%	<3.0%
15	KMnO ₄ reducing matter (as O)	Max 0.04%	0.04%
16	Loss on drying (at 130°C)	Max 1%	0.23%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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