

CERTIFICATE OF ANALYSIS

Product Name	: POTASSIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS 98% Extra Pure	Analyzed On	: 15-Jul-2021
Lot No.	: L374392107	Mol. Weight	: 136.09
Mol. Formula	: KH ₂ PO ₄	CAS No.	: 7778-77-0
Code No.	: 05356	Exp. Date	: Jun-2026
Mfg. Date	: Jul-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (acidimetric; on dried basis)	98 - 100.5%	100.38%
3	Appearance of solution	Passes test	Passes test
4	Identification as per pharma	Passes test	Passes test
5	pH (5% solution in water)	4.2 - 4.5	4.50
6	Chloride (Cl)	Max 0.02%	0.001%
7	Sulphate (SO ₄)	Max 0.03%	0.0029%
8	Fluoride (F)	Max 0.001%	0.001%
9	Heavy metal (as Pb)	Max 0.001%	Nil
10	Arsenic (As)	Max 0.0002%	0.0002%
11	Iron (Fe)	Max 0.001%	0.000075%
12	Sodium (Na)	Max 0.1%	0.1063%
13	Reducing substances by KMnO ₄ (as O)	Passes test	Passes test
14	Insoluble substances and organic matter	Max 0.2%	0.2%
15	Loss on drying (at 130°C)	Max 1.0%	0.050%

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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