



CERTIFICATE OF ANALYSIS

Product Name : ADIPIC ACID 99% Extra Pure
Lot No. : L329282108 Analyzed On : 11-Aug-2021
Mol. Formula : C₆H₁₀O₄ Mol. Weight : 146.14
Code No. : 00710 CAS No. : 124-04-9
Mfg. Date : Aug-2021 Exp. Date : Jul-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White powder or crystalline powder	White crystalline powder
2	Assay	99.0-101.0%	99.46%
3	Solubility	Passes test	Passes test
4	Melting point	151-154°C	153.2 deg C
5	Identity (IR)	Passes test	passes test
6	Appearance of solution	Passes test	Passes test
7	Chloride (Cl)	Max 0.02%	0.01%
8	Nitrate (NO ₃)	Max 0.003%	0.0022%
9	Sulphate (SO ₄)	Max 0.05%	0.033%
10	Iron (Fe)	Max 0.001%	0.00008%
11	Heavy metal (as Pb)	Max 0.001%	0.000013%
12	Loss on drying	Max 0.2%	0.023%
13	Sulphated ash	Max 0.1%	0.030%

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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