



CERTIFICATE OF ANALYSIS

Product Name : CALCIUM ACETATE HYDRATE 99% AR
Lot No. : A342152204 Analyzed On : 12-Apr-2022
Mol. Formula : (CH₃COO)₂Ca.xH₂O Mol. Weight : 158.17
Code No. : 2460B CAS No. : 114460-21-8
Mfg. Date : Apr-2022 Exp. Date : Mar-2027
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White colore powder
2	Assay (complexometric; on dried basis)	99 - 100.5%	99.29%
3	Appearance of solution	Passes test	Passes test
4	pH (5% solution in water)	7.0 - 9.0	7.56
5	Barium (Ba)	Max 0.005%	<0.005%
6	Chloride (Cl)	Max 0.05%	0.05%
7	Fluoride (F)	Max 0.005%	<0.005%
8	Sulphate (SO ₄)	Max 0.1%	0.1%
9	Heavy metal (as Pb)	Max 0.001%	<0.001%
10	Arsenic (As)	Max 0.0003%	<0.0003%
11	Iron (Fe)	Max 0.002%	0.00060%
12	Lead (Pb)	Max 0.0002%	<0.0002%
13	Water (H ₂ O)	Max 7.0%	6.17%
14	Matter insoluble in water	Max 0.3%	<0.3%
15	Formic acid, formates and other oxidizable impurities	Max 0.1%	<0.1%

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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LOBA/QC/FM/01

05/26.10.2021