

CERTIFICATE OF ANALYSIS

Product Name : SODIUM CHLORIDE 99.5% AR/ACS
 Lot No. : B376722107 Analyzed On : 24-Jul-2021
 Mol. Formula : NaCl Mol. Weight : 58.44
 Code No. : 05820 CAS No. : 7647-14-5
 Mfg. Date : Jul-2021 Exp. Date : Jun-2026
 HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (after ignition)	99.5-100.5%	100.35%
3	Identity	Passes test	Passes test
4	Appearance of solution	Passes test	Passes test
5	Acidity or alkalinity	Passes test	Passes test
6	pH (5 % solution)	5.0 - 8.0	6.76
7	Insoluble matter	Max 0.005%	0.0005 %
8	Bromide (Br)	Max 0.005%	<0.005%
9	Iodide (I)	Max 0.001%	0.001%
10	Ferrocyanide [(Fe(CN) ₆] ⁴⁻	Max 0.0001%	< 0.0001%
11	Chlorate and nitrate (NO ₃)	Max 0.003%	0.003%
12	Nitrite (NO ₂)	Passes test	Passes test
13	Phosphate (PO ₄)	Max 0.0005%	0.00039%
14	Sulphate (SO ₄)	Max 0.001%	0.00079%
15	Total nitrogen (N)	Max 0.0005%	0.0005%
16	Heavy metals (by ICP-OES)	Max 0.0005%	Nil
17	Arsenic (As)	Max 0.00004%	0.00004%
18	Barium (Ba)	Max 0.001%(passes test)	Nil
19	Calcium (Ca)	Max 0.002%	0.00005%
20	Copper (Cu)	Max 0.0002%	0.00020%
21	Iron (Fe)	Max 0.0002%	0.00014%
22	Magnesium (Mg)	Max 0.001%	0.00013%
23	Magnesium and alkali earth metals	Max 0.01%	<0.01%
24	Potassium (K)	Max 0.005%	0.00038%
25	Loss on drying (at 105°C; 2 hrs)	Max 0.5%	0.10%

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

B. Pathi

LOBA CHEMIE PVT. LTD.

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com

LOBA/QC/FM/01

04/10.03.2021