

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM CHLORIDE AR

CAS No : 7647-14-5

Mol. Formula : NaCl

Mol. WT : 58.44

Date of Analysis : 14/11/24

Product code : 25620

Batch No : MCAR-00820

Mfd. : Nov. 2024

Exp. : Oct. 2029

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder.
2	Assay (after ignition)	99.9 % w/w min	99.93% w/w
3	Insoluble matter	0.003 % max	0.001 %
4	Acidity(HCl)	0.0018 % max	< 0.0018 %
5	Alkalinity	0.05 ml N% max	< 0.05 ml N%
6	Bromide & iodide(Br)	0.005 % max	< 0.005 %
7	Ferrocyanide[Fe(CN) ₆]	0.0001 % max	< 0.0001 %
8	Nitrate(NO ₃)	0.0005 % max	< 0.0005 %
9	Phosphate(PO ₄)	0.0005% max	< 0.0005%
10	Sulphate (SO ₄)	0.002% max	< 0.002%
11	Ammonium (NH ₄)	0.0005% max	< 0.0005%
12	Arsenic(As)	0.00004% max	< 0.00004%
13	Barium(Ba)	0.001 % max	< 0.001 %
14	Calcium(Ca)	0.002 % max	< 0.002 %
15	Copper (Cu)	0.0002% max	< 0.0002%
16	Iron (Fe)	0.0003% max	< 0.0003%
17	Lead (Pb)	0.0002 % max	< 0.0002 %
18	Magnesium(Mg)	0.002 % max	< 0.002 %
19	Potassium(K)	0.01 % max	< 0.01 %
20	Loss on drying at 130°C	0.5% max	0.24%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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