CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM CHLORIDE AR

CAS No	**: 7647-14-5**	**Product code**	**: 25620**
Mol. Formula	**: NaCl**	**Batch No**	**: MCR-28069**
Mol. WT	**: 58.44**	**Mfd.**	**: April 2023**
Date of Analysis	**: 12/04/23**	**Exp.**	**: March 2028**

S.R	Test	Specification	Observation
1	**Description**	White crystals or crystalline powder.	White crystalline powder.
2	**Assay (after ignition)**	99.9 % w/w min	100.04% w/w
3	**Insoluble matter**	0.003 % max	0.002 %
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	0.21%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Jyoti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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