

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM CHLORIDE AR**

**CAS No : 7647-14-5**  
**Mol. Formula : NaCl**  
**Mol. WT : 58.44**  
**Date of Analysis : 22/07/23**

**Product code : 25620**  
**Batch No : MCRT-28836**  
**Mfd. : July 2023**  
**Exp. : June 2028**

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystals or crystalline powder.	White crystalline powder.
2	<b>Assay (after ignition)</b>	99.9 % w/w min	99.90% w/w
3	<b>Insoluble matter</b>	0.003 % max	0.001 %
4	<b>Acidity(HCl)</b>	0.0018 % max	< 0.0018 %
5	<b>Alkalinity</b>	0.05 ml N% max	< 0.05 ml N%
6	<b>Bromide &amp; iodide(Br)</b>	0.005 % max	< 0.005 %
7	<b>Ferrocyanide[Fe(CN)<sub>6</sub>]</b>	0.0001 % max	< 0.0001 %
8	<b>Nitrate(NO<sub>3</sub>)</b>	0.0005 % max	< 0.0005 %
9	<b>Phosphate(PO<sub>4</sub>)</b>	0.0005% max	< 0.0005%
10	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	< 0.002%
11	<b>Ammonium (NH<sub>4</sub>)</b>	0.0005% max	< 0.0005%
12	<b>Arsenic(As)</b>	0.00004% max	< 0.00004%
13	<b>Barium(Ba)</b>	0.001 % max	< 0.001 %
14	<b>Calcium(Ca)</b>	0.002 % max	< 0.002 %
15	<b>Copper (Cu)</b>	0.0002% max	< 0.0002%
16	<b>Iron (Fe)</b>	0.0003% max	< 0.0003%
17	<b>Lead (Pb)</b>	0.0002 % max	< 0.0002 %
18	<b>Magnesium(Mg)</b>	0.002 % max	< 0.002 %
19	<b>Potassium(K)</b>	0.01 % max	< 0.01 %
20	<b>Loss on drying at 130°C</b>	0.5% max	0.27%

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Asmita)**

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

**Note: Computer generated image requires no sign.**