



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM CHLORIDE AR**

**CAS No** : 7647-14-5  
**Mol. Formula** : NaCl  
**Mol. WT** : 58.44  
**Date of analysis** : 03/10/18

**Product code** : 25620  
**Batch No** : MCR-17045  
**Mfd.** : Oct. 2018  
**Exp.** : Sept. 2023

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder.
2	Assay (after ignition)	99.9 % w/w min	99.99% w/w
3	Insoluble matter	0.003 % max	0.0018 %
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) <sub>6</sub> ]	0.0001 % max	< 0.0001 %
8	Nitrate(NO <sub>3</sub> )	0.0005 % max	< 0.0005 %
9	Phosphate(PO <sub>4</sub> )	0.0005% max	< 0.0005%
10	Sulphate (SO <sub>4</sub> )	0.002% max	< 0.002%
11	Ammonium (NH <sub>4</sub> )	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 %
17	Magnesium(Mg)	0.002 % max	< 0.002 %
18	Potassium(K)	0.01 % max	< 0.01 %
19	Loss on drying at 130°C	0.5% max	0.28 %

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

[Tested By]

[QC Incharge]

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

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

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