

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-S029	
SPECIFICATION : SODIUM CHLORIDE AR					
Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	NaCl
2	Product code	S029
3	Molecular weight	58.44
4	CAS No	7647-14-5
5	Risk Statement No	--
6	Safety Statement No	24/25
7	UN No.	--

NaCl

PACKING DETAILS

	Product code	Pack size
1	S02910	500 g
2	S02913	5.0 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	White crystalline powder.
2	Clarity	10% solution in water is clear & colourless.
3	Assay (ex Cl, after ignition)	Not more than 99.9%
4	pH (5% aqueous solution)	Between 5.0 and 8.0
5	Bromide (as Br)	Not more than 0.003%
6	Iodide	Not more than 0.005%
7	Ferrocyanide	Not more than 0.0001%
8	Phosphate (PO ₄)	Not more than 0.0005%
9	Sulphate (SO ₄)	Not more than 0.002%
10	Total nitrogen	Not more than 0.001%
11	Arsenic (As)	Not more than 0.00004%
12	Barium (Ba)	Not more than 0.001%
13	Calcium (Ca)	Not more than 0.002%
14	Copper (Cu)	Not more than 0.0002%
15	Iron (Fe)	Not more than 0.0002%
16	Heavy metals (as Pb)	Not more than 0.0002%
17	Potassium (K)	Not more than 0.01%
18	Magnesium (Mg)	Not more than 0.002%
19	Loss on drying (130°C)	Not more than 0.5%

SAFETY SYMBOLS