

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	: Sodium Chloride	CAS No.	: 7647-14-5
Molecular Formula	: NaCl	Molecular Weight	: 58.44 g/mole
Batch No.	: QF2501029	Grade	: AR
Mfg. Date	: January-2025	Retest Date	: December-2029

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline Powder	Complies
2	Solubility (10 % Aq Solution)	Clear and Colorless	Clear and Colorless
3	Minimum assay (ex Cl)(after ignition)	Min 99.9 %	99.94 %
4	pH (5 % Aq Solution)	5.0 – 9.0	6.22
Maximum limits of impurities:#			
5	Insoluble matter	0.003%	0.001 %
6	Sulphate(SO ₄)	0.001%	< 0.001 %
7	Iron(Fe)	0.0002%	< 0.0002%
8	Heavy Metals (Pb)	0.0002%	0.0001 %
9	Phosphate(PO ₄)	0.0005%	< 0.0005%
10	Copper(Cu)	0.0002%	0.0001%
11	Bromide (Br)	0.005 %	0.003 %
12	Iodide(I)	0.001 %	0.0004 %
13	Nitrogen Compound (N)	0.0005 %	0.0003 %
14	Ferrocyanide (Fe(CN) ₆)	0.0001%	0.00006%
15	Potassium(K)	0.005 %	0.002 %
16	Magnesium(Mg)	0.001 %	0.0006 %
17	Arsenic(As)	0.0001 %	0.00004%
18	Aluminium (Al)	0.00002 %	0.00001 %
19	Calcium(Ca)	0.002%	0.001 %
20	Chlorate & Nitrate (NO ₃)	0.003 %	0.001 %
21	Barium(Ba)	To Passes Test	Passes Test

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength