



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-I2327D  
Lot #: 2021063048

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Sodium Chloride**  
Crystal, ACS

F.W.: 58.4400

CHEMICAL FORMULA: NaCl

CAS No: 7647-14-5

Density: 1.0000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (NaCl)	99.0 % min.	101.1%
pH of a 5% solution at 25°C	5.0-9.0	5.5
Insoluble Matter	0.005% max.	0.001%
Iodide (I)	0.002% max.	<0.002%
Bromide (Br)	0.01% max.	<0.01%
Chlorate and nitrate (as NO <sub>3</sub> )	0.003% max	0.001%
Phosphate (PO <sub>4</sub> )	5 ppm max.	<1 ppm
Sulfate (SO <sub>4</sub> )	0.004% max.	<0.004%
Barium (Ba)	To pass test	Passes Test
Heavy metals (by ICP-OES)	5 ppm max.	2 ppm
Iron (Fe)	2 ppm max.	<2 ppm
Calcium (Ca)	0.002% max.	<0.001%
Magnesium (Mg)	0.001% max.	<0.001%
Potassium (K)	0.005% max.	0.003%
Date of Manufacture	Record Actual	04/15/2021
Expiration date	Record Actual	04/14/2026
REMARKS		

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