



**ChemPure\* Brand  
Chemicals**

CP-I2327D, CP-(\* )2327D

Lot #: 2020052742

...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.	99.9%
pH of a 5% solution at 25°C	5.0-9.0	6.7
Insoluble Matter	0.005% max.	0.002%
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.	<5 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.	<5 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.	0.005%
Date of Manufacture	Record Actual	03/26/2020
Expiration date	Record Actual	03/25/2025
REMARKS		
* The letter represents the volume of the packaged material		

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