

Certificate of Analysis**Product: Sodium Chloride Crystals 99%****Item Number: SOCHGA****Grade: ACS****Lot Number: 5001310/2.1****Manufacture Date: 05/28/2025****Expiration Date: 05/27/2028****Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	$\geq 99.00\%$	100.10
pH of a 5% solution	5.0 - 9.0	5.8
Insoluble matter	$\leq 0.0050\%$	0.0050
Iodide (I)	$\leq 0.002\%$	< 0.0020
Bromide (Br)	$\leq 0.01\%$	< 0.010
Chlorate and nitrate (as NO ₃)	$\leq 0.0030\%$	< 0.0030
Phosphate (PO ₄)	≤ 5 ppm	< 5
Sulfate (SO ₄)	$\leq 0.0040\%$	< 0.0040
Barium (Ba)	To Pass Test	Passes
Heavy metals (by ICP-OES)	≤ 5 ppm	< 5
Iron (Fe)	≤ 2 ppm	< 2
Calcium (Ca)	$\leq 0.0020\%$	< 0.0010
Magnesium (Mg)	$\leq 0.0010\%$	< 0.0010
Potassium (K)	$\leq 0.0050\%$	0.0020
Mercury	≤ 0.010 ppm	< 0.002
Antimony (ICP)	≤ 0.2 ppm	< 0.2
Arsenic (ICP)	≤ 0.5 ppm	< 0.5
Bismuth (ICP)	≤ 0.2 ppm	< 0.2
Cadmium (ICP)	≤ 0.1 ppm	< 0.1
Copper (ICP)	≤ 0.5 ppm	< 0.5

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Lead (ICP)	</= 0.2 ppm	< 0.2
Molybdenum (ICP)	</= 0.5 ppm	< 0.5
Silver (ICP)	</= 0.1 ppm	< 0.1
Tin (ICP)	</= 0.1 ppm	< 0.1

[Sodium Chloride Crystals 99%](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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