

Certificate of Analysis

Product: Sodium Chloride Crystals 99%

Item Number: SOCHGA

Grade: ACS

Lot Number: 5001084/1.1

Manufacture Date: 01/08/2025

Expiration Date: 01/07/2028

Country of Origin: United States

Tested Property	Specification	Analysis
Assay	>/= 99.00%	100.30
pH of a 5% solution	5.0 - 9.0	6.5
Insoluble matter	</= 0.0050%	0.0010
Iodide (I)	</= 0.002%	< 0.0020
Bromide (Br)	</= 0.01%	< 0.010
Chlorate and nitrate (as NO ₃)	</= 0.0030%	0.0000
Phosphate (PO ₄)	</= 5 ppm	< 5
Sulfate (SO ₄)	</= 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)	</= 0.0020%	< 0.0010
Magnesium (Mg)	</= 0.0010%	< 0.0010
Potassium (K)	</= 0.0050%	0.0040
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

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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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