

Certificate of Analysis

Product: Sodium Chloride Crystals 99%

Item Number: SOCHGA

Grade: ACS

Lot Number: 5000842/1.1

Manufacture Date: 04/24/2024

Expiration Date: 04/23/2027

Country of Origin: United States

Tested Property	Specification	Analysis
Assay	>/= 99.0%	100.10%
pH of a 5% solution	5.0 - 9.0	5.9
Insoluble matter	</= 0.005%	0.0035%
Iodide (I)	</= 0.002%	< 0.0020%
Bromide (Br)	</= 0.01%	< 0.010%
Chlorate and nitrate (as NO ₃)	</= 0.003%	< 0.0030%
Phosphate (PO ₄)	</= 5 ppm	< 5 ppm
Sulfate (SO ₄)	</= 0.004%	< 0.0040%
Barium (Ba)	Passes test	Pass
Heavy metals (by ICP-OES)	</= 5 ppm	< 5 ppm
Iron (Fe)	</= 2 ppm	< 2 ppm
Calcium (Ca)	</= 0.002%	< 0.0010%
Magnesium (Mg)	</= 0.001%	< 0.0010%
Potassium (K)	</= 0.005%	0.0020%
Mercury	</= 0.010 ppm	< 0.002 ppm
Antimony (ICP)	</= 0.2 ppm	< 0.2 ppm
Arsenic (ICP)	</= 0.5 ppm	< 0.5 ppm
Bismuth (ICP)	</= 0.2 ppm	< 0.2 ppm
Cadmium (ICP)	</= 0.1 ppm	< 0.1 ppm
Copper (ICP)	</= 0.5 ppm	< 0.5 ppm

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

[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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