

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%](#)

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