



TECHNICAL DATA SHEET(TDS)
Sodium Chloride Crystals 99%, ACS Grade
Product Specifications (CAS# 7647-14-5)

Test	Specification	Typical Results
Assay	Min. 99.0%	99.80%
pH of a 5% solution	5.0 - 9.0	7.4
Insoluble matter	Max. 0.005%	0.0010%
Iodide (I)	Max. 0.002%	< 0.0020%
Bromide (Br)	Max. 0.01%	< 0.010%
Chlorate and nitrate (as NO ₃)	Max. 0.003%	<0.0030%
Phosphate (PO ₄)	Max. 5 ppm	< 5 ppm
Sulfate (SO ₄)	Max. 0.004%	< 0.0040%
Barium (Ba)	Passes test	Pass
Heavy metals (by ICP-OES)	Max. 5 ppm	< 5 ppm
Iron (Fe)	Max. 2 ppm	< 2 ppm
Calcium (Ca)	Max. 0.002%	< 0.0010%
Magnesium (Mg)	Max. 0.001%	< 0.0010%
Potassium (K)	Max. 0.005%	0.0040%

Appropriate/legal use of this product is the responsibility of the user.

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