

Sodium Chloride, Crystal  
AR® (ACS)



Material No.: 7581-20

Revision No.: 0

# Product Specification

Meets ACS Reagent Chemical Requirements

Test	Specification
ACS - Assay (NaCl) (by Ag titrn)	≥ 99.0 %
ACS - pH of 5% Solution at 25°C	5.0 - 9.0
ACS - Insoluble Matter	≤ 0.005 %
ACS - Iodide (I)	≤ 0.002 %
ACS - Bromide (Br)	≤ 0.01 %
ACS - Chlorate and Nitrate (as NO <sub>3</sub> )	≤ 0.003 %
ACS - Phosphate (PO <sub>4</sub> )	≤ 5 ppm
ACS - Sulfate (SO <sub>4</sub> )	≤ 0.004 %
ACS - Barium (Ba)	Passes Test
ACS - Heavy Metals (as Pb)	≤ 5 ppm
ACS - Iron (Fe)	≤ 2 ppm
ACS - Calcium (Ca)	≤ 0.002 %
ACS - Magnesium (Mg)	≤ 0.001 %
ACS - Potassium (K)	≤ 0.005 %

For Laboratory, Research, or Manufacturing Use  
Appearance (white, crystalline granules)

Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier  
Vice President Global Quality

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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