

# Certificate of Analysis



**Product Name:** SODIUM CHLORIDE, REAGENT (ACS)  
**Item #:** 657  
**Lot #:** 20500280

## Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 99.0 % - Min	Pass	99.9
Insoluble 0.005 % Max	Pass	< 0.005
pH of 5% solution @ 25 C 5.0 - 9.0 pH	Pass	6.0
Iodide 0.002 % Max	Pass	< 0.001
Bromide 0.01 % Max	Pass	< 0.01
Chlorate and nitrate (as NO <sub>3</sub> ) 0.003 % Max	Pass	< 0.003
Phosphate 0.0005 % Max	Pass	< 0.0005
Sulfate 0.004 % Max	Pass	< 0.004
Barium	Pass	Passes Test
Heavy Metals (by ICP-OES) 0.0005 % Max	Pass	< 0.0005
Iron 0.0002 % Max	Pass	< 0.0002
Calcium 0.002 % Max	Pass	< 0.002
Magnesium 0.001 % Max	Pass	< 0.001
Potassium 0.005 % Max	Pass	< 0.005

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at [www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html](http://www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html)  
For resale by GFS authorized distributors only.

GFS Chemicals, Inc. P.O. Box 245 Powell, OH 43065 \* Signed Orig. Doc. On File  
1-800-858-9682 (U.S. and Canada) 1-740-881-5501 (International) 1-740-881-5989 (Fax)

**Comments**

**CoA #:** COA-066691  
**Certificate Created By:** Jacob Watson  
**CoA Creation Date:** January 20, 2021  
**Best by:** December 24, 2025  
**Print Date:** May 28, 2021

**Signature on File**

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**ISO 17025 Testing**

All ISO 17025 testing is performed at GFS Chemicals, Inc. 800 Kaderly Dr, Columbus, OH 43228 USA

UV/Vis Spectrophotometer testing is performed according to ASTM method E169-16.

Turbidity testing is performed according to ASTM methods D6855-17 and ASTM D7315-17.

Conductivity testing is performed according to ASTM method D1125-14.

pH testing is performed according to ASTM method D1293-18.

Karl Fischer titration testing is performed according to ASTM methods E203-16 and E1064-16.

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