

# Certificate of Analysis

**Product Name:** POTASSIUM IODIDE, REAGENT (ACS)  
**Item #:** 654  
**Lot #:** 19350060



## Certified Values:

Specifications (Max Limits or as Specified)	Pass/Fail	Numerical Results
Assay 99.0 - %	Pass	101.2
Insoluble 0.005 % Max	Pass	< 0.005
Loss on drying @ 150 C 0.2 % Max	Pass	< 0.2
pH of 5% solution @ 25 C 6.0 - 9.2 pH	Pass	6.5
Chloride and Bromide (as Cl) 0.01 % Max	Pass	< 0.01
Iodate 0.0003 % Max	Pass	< 0.0003
Phosphate 0.001 % Max	Pass	< 0.001
Sulfate 0.005 % Max	Pass	< 0.005
Heavy metals (as Pb) 0.0005 % Max	Pass	< 0.0005
Iron 0.0003 % Max	Pass	< 0.0003
Barium 0.002 % Max	Pass	< 0.002
Calcium 0.002 % Max	Pass	< 0.002
Magnesium 0.001 % Max	Pass	< 0.001
Sodium 0.005 % Max	Pass	< 0.005

**Status** Pass

**Comments**

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)

**Certificate Create By:** Ryan Walsh  
**Best by:** August 9, 2024  
**Print Date:** Oct 23, 2019

**Signature on File**

**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.

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)