

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

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Product Specification

Product Name:
Potassium iodide - BioXtra, ≥99.0%

Product Number: P2963
CAS Number: 7681-11-0
MDL: MFCD00011405
Formula: IK
Formula Weight: 166.00 g/mol

KI

| TEST | Specification |
|---------------------------------|---------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 1 M, H ₂ O | |
| Chloride | ≤ 0.01 % |
| Sulfate | ≤ 0.005 % |
| Insoluble matter | ≤ 0.005 % |
| Titration with KIO ₃ | ≥ 99.0 % |
| Aluminum (Al) | ≤ 0.0005 % |
| Phosphorus (P) | ≤ 0.0005 % |
| Lead (Pb) | ≤ 0.001 % |
| Barium (Ba) | ≤ 0.002 % |
| Iron (Fe) | ≤ 0.0005 % |
| Copper (Cu) | ≤ 0.0005 % |
| Zinc (Zn) | ≤ 0.0005 % |
| Calcium (Ca) | ≤ 0.001 % |
| Magnesium (Mg) | ≤ 0.0005 % |
| Sodium (Na) | ≤ 0.05 % |
| Ammonia (NH ₄) | ≤ 0.05 % |
| Identity by ICP - Potassium | Pass |
| Recommended Retest Period | ----- |
| 4 years | |

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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