

KIO<sub>4</sub>

CAS#7790-21-8

EINECS # 232-196-0

Technical Data Sheet

**GHS Product Identifier:** 130.04, Potassium Periodate; 130.44, Potassium Periodate ACS.

**Formula Description: Technical:** White to off-white granular powder.

**Recommended Use:** Potassium Periodate is an analytical reagent or oxidizing agent <sup>1-2</sup>.

**General Properties:**

<b>Molecular Weight</b>	230.0		
<b>Solubility</b>	0.42 g/100 ml H <sub>2</sub> O (20°C)	<b>Solubility</b>	7.87 g/100 ml H <sub>2</sub> O (100°C)

**Chemical Product Specifications**

	Tech
Assay	98.0% min

Deepwater's **Purity** products offer you full traceability for all raw materials.

All products are manufactured under current Good Manufacturing Practices (cGMP)

in our US FDA registered plant. FEI #2013633.

	Purity ACS
Assay (dried)	99.8% - 100.3%
Other Halogens (as Cl)	≤ 0.01%
Manganese	≤ 1 ppm

\*Compendial grades conform to current ACS editions

**Standard Packaging**

Net Weight	Packaging
50 kgs.	UN1G 8 gal Fiberdrum
Material packaged with anti-static liner; suitable for export.	

SDS with detailed information available upon request.

References:

- Hong Yao, Yuhai Tang, Yinhuan Li & Yuanyuan Sun (2003) Flow Injection Chemiluminescence Determination of Cephalosporin Antibiotics by Their Enhancing Effects on Luminol–Potassium Periodate System, Analytical Letters, 36:14, 2975-2983, DOI: 10.1081/AL-120026415
- K. Basavaiah, Srilatha, J. Manjunatha Swamy & G. Krishnamurthy (2000) Determination of Some Phenothiazine Drugs Based on Colour Reaction with Potassium Periodate, Analytical Letters, 33:1, 43-51, DOI: 10.1080/00032710008543035

