



Technical Data Sheet

Potassium Iodate, KIO_3

FCC Grade

Product Code: 6004

Potassium iodate is a mildly oxidizing salt of potassium cations and iodate anions. This product is suitable for use in all applications where a source of iodine is needed in an oxidizing state. Appropriate uses include as an oxidization source or catalyst in chemical reactions. Ideal for use in all applications where potassium iodate is needed as an ingredient as a dietary iodine source or in the manufacture of food products.

IodiTech's FCC grade potassium iodate is made using the purest raw materials that come from the most reliable sources, and is created in a state-of-the-art production facility. This certified potassium iodate FCC grade product meets, or surpasses, all FCC specifications for potassium iodate for food, industrial or laboratory applications.

Technical Identification and Description:

Chemical Name:	Potassium Iodate, KIO_3
CAS:	7758-05-6
Characteristics:	White powdery substance with free flowing characteristics. Odorless.
Particle Size:	99% pass through 100 mesh
Loss on drying (105°C)	$\leq 0.05\%$

Technical Data Sheet

Typical Analysis:

Assay (as KIO ₃)	99.0% - 101.0%
Identification	Transient blue color
Loss on drying @ 105°C	≤ 0.05%
Chlorate	< 0.01%
Iodide	< 0.002%
Lead ¹	≤ 4 ppm
Sodium	50 ppm
Iron	10 ppm

Notes: Minimum and maximum indicate limits of detection.

¹ Lead content tested by third party laboratory and is not lot specific

Available Quantities:

25 kgs

6004-055

Custom packaging is available.

Note: All shipments are in UN approved plastic containers with food grade polyethylene liner.



Technical Data Sheet

Disclaimer:

IodiTech Inc. is not responsible for the end use of product or any information contained herein.

Testing is performed using FCC certified methods.