

Potassium iodate

Chemical formula: KIO_3

Molar mass: 214 g/mol

CAS: 7758-05-6

EINECS: 231-831-9

A.G. (17610)

Appearance	white powder
Assay	min. 99,0 %
Loss on drying (110°C)	max. 0,05 %
Iodide (I^-)	max. 0,001 %
Sulfate (SO_4^{2-})	max. 0,005 %
Cl^- , ClO_3^- , Br^- , BrO_3^- (as Cl^-)	max. 0,01 %
Total nitrogen (as N)	max. 0,005 %
pH (5% water solution)	5,0 - 8,0

pure (30820)

Appearance	white powder
Assay	min. 99,0 %

ACS (30460)

Appearance	white powder
Assay	min. 99,4 - 100,4 %
pH (5% water solution)	5,0 - 8,0
Insoluble matter	max. 0,005 %
Cl^- , Br^- (as Cl^-)	max. 0,01 %
Iodide (I^-)	max. 0,001 %
Total nitrogen (as N)	max. 0,005 %
Sulfate (SO_4^{2-})	max. 0,005 %
Heavy metals (as Pb)	5 ppm
Fe (Iron)	max. 0,001 %
Na (Sodium)	max. 0,005 %

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 272, 319, 335, 315

EUH statements:

Precautionary statements: 305+351+338

Signal word: Danger

ADR/RID: 5.1 /O2 /II

UN 1479