

Potassium iodide

Chemical formula: KI

Molar mass: 166,01 g/mol

CAS: 7681-11-0

EINECS: 231-659-4

A.G. (17670)

Appearance	white crystalline substance
Assay (dried substance)	min. 99,5 %
Loss on drying (105°C)	max. 0,2 %
Insoluble matter in water	max. 0,005 %
Cl ⁻ , Br ⁻ (as Cl ⁻)	max. 0,01 %
Sulfate (SO ₄ ²⁻)	max. 0,005 %
pH (5% water solution)	6,0 - 9,2

pure (17650)

Appearance	white crystalline substance
Assay (dried substance)	min. 99,0 %
Loss on drying (105°C)	max. 0,5 %
Insoluble matter in water	max. 0,01 %
Cl ⁻ , Br ⁻ (as Cl ⁻)	max. 0,02 %
Sulfate (SO ₄ ²⁻)	max. 0,02 %

ACS (17640)

Appearance	white crystalline substance
Assay	min. 99,0 %
pH (5% water solution)	6,0 - 9,2
Insoluble matter in water	max. 0,005 %
Loss on drying (150°C)	max. 0,2 %
Iodate (IO ₃ ⁻)	max. 3 ppm
Cl ⁻ , Br ⁻ (as Cl ⁻)	max. 0,01 %
Phosphate (PO ₄ ³⁻)	max. 0,001 %
Sulfate (SO ₄ ²⁻)	max. 0,005 %
Ba (Barium)	max. 0,002 %
Heavy metals (as Pb)	5 ppm
Fe (Iron)	3 ppm
Ca (Calcium)	max. 0,002 %
Mg (Magnesium)	max. 0,001 %
Na (Sodium)	max. 0,005 %

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



Hazard statements: 372

EUH statements:

Precautionary statements: 260, 264, 270, 314

Signal word: Danger