

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Potassium iodide p.A.
Product number	LC-4787
Formula	KI
Molecular weight	166.01 g/mol
CAS number	7681-11-0
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
Assay	>= 99.5 %
pH (5 % in water, 20°C)	6 - 9.2
Reducing substances	<= 0.001 %
Heavy metals (Pb)	<= 0.0005 %
Insoluble matter	<= 0.003 %
Loss on drying (150°C)	<= 1 %
Chloride and Bromide (as Cl)	<= 0.01 %
Iodate	<= 0.0003 %
Nitrogen compounds (as N)	<= 0.001 %
Phosphate (PO ₄)	<= 0.001 %
Sulfate (SO ₄)	<= 0.0025 %
Silver (Ag)	<= 0.0005 %
Aluminium (Al)	<= 0.0005 %
Arsenic (As)	<= 0.00001 %
Gold (Au)	<= 0.0005 %
Boron (B)	<= 0.0005 %
Barium (Ba)	<= 0.001 %
Beryllium (Be)	<= 0.0005 %
Calcium (Ca)	<= 0.001 %
Cadmium (Cd)	<= 0.0005 %
Cobalt (Co)	<= 0.0005 %

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Product	Potassium iodide p.A.
Parameter	Specification
Chromium (Cr)	<= 0.0005 %
Copper (Cu)	<= 0.0005 %
Iron (Fe)	<= 0.0002 %
Gallium (Ga)	<= 0.0005 %
Germanium (Ge)	<= 0.0005 %
Mercury (Hg)	<= 0.0005 %
Indium (In)	<= 0.0005 %
Magnesium (Mg)	<= 0.0005 %
Manganese (Mn)	<= 0.0005 %
Molybdenum (Mo)	<= 0.0005 %
Sodium (Na)	<= 0.005 %
Nickel (Ni)	<= 0.0005 %
Lead (Pb)	<= 0.0005 %
Platinum (Pt)	<= 0.0005 %
Silicon (Si)	<= 0.0005 %
Tin (Sn)	<= 0.0005 %
Strontium (Sr)	<= 0.0005 %
Titanium (Ti)	<= 0.0005 %
Thallium (Tl)	<= 0.0005 %
Vanadium (V)	<= 0.0005 %
Zinc (Zn)	<= 0.0005 %
Zirconium (Zr)	<= 0.0005 %

Einhausen, 31.01.2025