



Material	26846.292
Material description	Potassium iodide
Grade	AnalaR NORMAPUR
Lot	23J094147
Expires end of	2028-Jun-26
CAS Number	7681-11-0
Molecular formula	KI
Molecular mass	166.00

Characteristics	Specifications	Measured values
Assay	≥ 99.5 %	99.8 %
Solution in water	Passes test	Passes test
Alkalinity	≤ 0.002 meq/g	0.001 meq/g
pH (20°C; 5 %)	5.7 - 9.2	7.0
Heavy metals (as Pb)	≤ 2 ppm	≤ 2 ppm
Insolubility in water	≤ 50 ppm	≤ 50 ppm
Loss on drying (150°C)	≤ 0.2 %	0.1 %
Reducing substances (as I)	≤ 10 ppm	≤ 10 ppm
Total N (Nitrogen)	≤ 10 ppm	≤ 10 ppm
Cl + Br (as Cl)	≤ 100 ppm	≤ 100 ppm
IO <sub>3</sub> (Iodate)	≤ 2 ppm	≤ 2 ppm
PO <sub>4</sub> (Phosphate)	≤ 10 ppm	≤ 10 ppm
SO <sub>4</sub> (Sulphate)	≤ 10 ppm	≤ 10 ppm
As (Arsenic)	≤ 0.1 ppm	≤ 0.1 ppm
Ba (Barium)	≤ 20 ppm	≤ 20 ppm
Ca (Calcium)	≤ 10 ppm	≤ 10 ppm
Cu (Copper)	≤ 2 ppm	≤ 2 ppm
Fe (Iron)	≤ 2 ppm	≤ 2 ppm
Mg (Magnesium)	≤ 5 ppm	≤ 5 ppm
Na (Sodium)	≤ 0.03 %	≤ 0.03 %
Pb (Lead)	≤ 5 ppm	≤ 5 ppm



## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Jessie Pijck, Head of Laboratory - Haasrode  
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