



Specification

Concerning Product:	
Article number	7681110NPF
Trade name / designation / denomination	Kaliumjodid pharma (potassium iodide)
CAS number	7681-11-0
Other names / synonyms	•potassium iodide;
EC number	231-659-4 231-659-4
Customs tariff number / CN code / TARIC	28276000
Molecular weight [g / mol]	166,01
Formula	KI IK

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance of solution	1.0g in 10mL of water	clear and colourless	
Appearance		White to off-white crystalline powder	
Physical parameter			
Alkaline reacting substances		colourless	
Loss on drying		(105 °C) ≤ 1	ppm
Identity			
Assay		on dry basis 99,0 – 101,0	%
Identification		Gives reaction of potassium/ Gives reaction of iodide	
Impurities			
Ammonium		not detected	%
Heavy Metals (as Pb)		≤ 10	ppm
Nitrates		not detected	
Sulphates (SO ₄)		≤ 150	ppm
Elemental Impurities			
Barium (Ba)		not detected	
Iron (Fe)		≤ 5	ppm
Iodine (I ₂)		No blue colour produced	
Lead (Pb)		≤ 10	ppm

Supplemental information:

Complies with monograph: EP, USP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Nov. 2021

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