

5% Lugol's iodine solution

Formula: I_2/KI

- ◆ 100g solution consists of: 5,0g iodine (USP), 10,0g potassium iodine (Ph. Eur.,USP), 85,0g water (twice demineralized, Ph. Eur., USP, NF)
- ◆ 1 vertical drop is about: 6,25 mg iodine solution (2.5 mg iodine and 3,75 mg potassium iodide)
- ◆ Used iodine comes from mined crystals, not from shellfish or seaweed. Always fresh. Does not expire. Store at room temperature. Protect from direct sunlight
- ◆ Iodine is an effective remedy for bacteria, fungi and viruses
- ◆ Amber glass bottle, glass pipette
- ◆ Appearance: dark liquid
- ◆ Made in Germany



The recipe originates from the French doctor Jean Guillaume Auguste Lugol.

Quantity: 30ml (1fl oz)

CAS-Nr.:12298-68-9

UPC: 707273664310

Quantity: 100ml (3,4fl oz)

CAS-Nr.:12298-68-9

UPC: 707273664402

Quantity: 1000ml (33.8fl oz)

CAS-Nr.:12298-68-9

EAN: 3830069050138



7% Lugol`s iodine solution

Formula: I_2 / KI

- ◆ 100g solution consists of: 7,0g iodine (USP), 14,0g potassium iodine (Ph. Eur.,USP), 79,0g water (twice demineralized, Ph. Eur., USP, NF)
 - ◆ 1 vertical drop is about: 8,75 mg iodine solution (3.5 mg iodine and 5,25 mg potassium iodide)
 - ◆ Used iodine comes from mined crystals, not from shellfish or seaweed. Always fresh. Does not expire. Store at room temperature. Protect from direct sunlight.
 - ◆ Iodine is an effective remedy for bacteria, fungi and viruses
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- ◆ Amber glass bottle, glass pipette
 - ◆ Appearance: dark liquid
 - ◆ Made in Germany

Quantity: 1000ml (33,8fl oz)

CAS-Nr.:12298-68-9

EAN: 3830069050138

Quantity: 100ml (3,4fl oz)

CAS-Nr.:12298-68-9

EAN: 3830069050091

Quantity: 30ml (1fl oz)

CAS-Nr.:12298-68-9

UPC: 707273664327



Specification iodine (min 99,8%, ACS, BP, USP)

produkt-No.:	S100065
formula:	I
molar mass:	126,90g/mol
density :	4,94g/cm ³
CAS:	7553-56-2
EG-No.:	231-442-4
EG-Index-No.:	053-001-00-3
storage class :	10 - 13
UN-number:	3495

Test characteristic	value
appearance	gray, crystalline, shiny solid
content	min. 99,8%
non-volatile components	max. 0,01%
chlorine and bromine (as Cl)	max. 0,005%
identity	corresponds to
iron (Fe)	max. 10ppm
sulfate (SO ₄)	max. 75ppm
heavy metals	max. 10ppm

Specification potassium iodide (min. 99%, USP)

product-No.:	K199USP
formula:	KI
molar mass:	166,00g/mol
density:	3,13g/cm ³
CAS:	7681-11-0
EG-No.:	231-659-4
storage class :	10 - 13

Test characteristic	value
appearance	white solid
content (potassium iodide)	99,0 - 100,5%
Content (iodine)	76,12 - 76,89%
identity potassium iodide	corresponds to
identity Iodine	corresponds to
loss on drying	max. 1%
iodate max.	4ppm
heavy metals (as Pb)	max. 10ppm
alkalinity	corresponds to
nitrites, nitrates and ammonium	corresponds to
residual solvent	corresponds to
thiosulphates and barium	corresponds to
iron (Fe)	max. 20ppm
sulfate (SO ₄)	max. 150ppm
odor	odorless

Water (demineralized, Ph. Eur., USP, NF)

Product-No.: H2OEP

Formula: H₂O

Molar masse: 18,0153g/mol

Density: 1,00g/cm³

CAS: 7732-18-5

EG-Nr.: 231791-2

Storage class: 10 – 13

Specification:

Appearance	clear, colorless, odorless liquid
Conductivity	(20°C) max. 1,1µS/cm
Nitrate (NO ₃)	max. 0,2ppm
Heavy metals (like Pb)	max. 0,1ppm
Acidity or alkalinity	corresponds to
Oxidizable substances	corresponds to
Chloride (Cl)	corresponds to
Sulfate (SO ₄)	corresponds to
Ammonium (NH ₄)	max. 0,2ppm
Calcium und magnesium	corresponds to
Evaporation residue	max. 0,001%
Mikrobiological contamination	corresponds to

Note: The specifications in the catalog do not constitute an assurance of properties for a particular purpose. We expressly point out that the recipient is obliged to inspect the goods before use.