

iodine_solutions_b_2021_01_12.xlsx

EI = Elemental Iodine = iodine + 2 * iodine

	I-	K or Na	I2	I2	KI	Water	ml	Solution	Density	mg EI /	mg K /Na	mg EI/ drop @	mg EI/ drop @	mg EI/ drop @	mg KI or NaI / drop @	mg KI or NaI / drop @	mg KI or NaI / drop @	
	iodide		iodine	Grams	gm	ml	solution	%	mg/mL	EI %	mL	/mL	drop/mL	drop/ml	drop/ml	drop/ml	drop/ml	
KI	76.40%	23.60%			5.235		10.00	52.35%		40%	400.0	124	10.0	13.3	20.0	13.1	17.5	26.2
Rx	76.40%	23.60%			2.552		30.00	8.51%		6%	65.0	20	1.6	2.2	3.2	2.1	2.8	4.3
*	76.40%	23.60%			2.750		30.00	9.17%		7%	70.0	22	1.8	2.3	3.5	2.3	3.1	4.6
	76.40%	23.60%			2.750		30.00	9.17%		7%	70.0	22	1.8	2.3	3.5	2.3	3.1	4.6
	76.40%	23.60%			3.928		30.00	13.09%		10%	100.0	31	2.5	3.3	5.0	3.3	4.4	6.5
	76.40%	23.60%			19.635		30.00	65.45%		50%	500.0	154	12.5	16.7	25.0	16.4	21.8	32.7
	76.40%	23.60%			40.000		30.00	65.45%	1.55	50%	500.0	154	12.5	16.7	25.0	16.4	21.8	32.7
	76.40%	23.60%			23.562		30.00	78.54%		60%	600.0	185	15.0	20.0	30.0	19.6	26.2	39.3
	76.40%	23.60%			40.000		30.00	78.54%		60%	600.0	185	15.0	20.0	30.0	19.6	26.2	39.3
	76.40%	23.60%			39.267		30.00	130.89%		100%	1,000.0	309	25.0	33.3	50.0	32.7	43.6	65.4
*	76.40%	23.60%			40.000	19.060	30.56	130.89%		100%	1,000.0	309	25.0	33.3	50.0	32.7	43.6	65.4
	76.40%	23.60%			40.000		40.75	98.17%		75%	750.0	232	18.8	25.0	37.5	24.5	32.7	49.1
	76.40%	23.60%			39.000		30.00	130.00%		99%	993.2	307	24.8	33.1	49.7	32.5	43.3	65.0
= sski 68F**	76.40%	23.60%			42.000		30.00	140.00%		107%	1,069.6	330	26.7	35.7	53.5	35.0	46.7	70.0
hot > 140 F	76.40%	23.60%			55.000		30.00	183.33%		140%	1,400.7	433	35.0	46.7	70.0	45.8	61.1	91.7
NaI	84.77%	15.23%			1.180		10.00	11.80%		10%	100.0	18	2.5	3.3	5.0	3.0	3.9	5.9
	84.77%	15.23%			5.898		10.00	58.98%	1.52	50%	500.0	90	12.5	16.7	25.0	14.7	19.7	29.5
	84.77%	15.23%			17.695		30.00	58.98%		50%	500.0	90	12.5	16.7	25.0	14.7	19.7	29.5
	84.77%	15.23%			21.234		30.00	70.78%		60%	600.0	108	15.0	20.0	30.0	17.7	23.6	35.4
	84.77%	15.23%			11.797		10.00	117.97%		100%	1,000.0	180	25.0	33.3	50.0	29.5	39.3	59.0
	84.77%	15.23%			35.391		30.00	117.97%		100%	1,000.0	180	25.0	33.3	50.0	29.5	39.3	59.0
	84.77%	15.23%			38.930		33.00	117.97%		100%	1,000.0	180	25.0	33.3	50.0	29.5	39.3	59.0
	84.77%	15.23%			44.250		30.00	147.50%		125%	1,250.4	225	31.3	41.7	62.5	36.9	49.2	73.8
	84.77%	15.23%			53.087		30.00	176.96%		150%	1,500.0	270	37.5	50.0	75.0	44.2	59.0	88.5
= ssni 77F	84.77%	15.23%			55.200		30.00	184.00%		156%	1,559.8	280	39.0	52.0	78.0	46.0	61.3	92.0
Lugols	76.40%		100.00%	44.00	88.000		1000.00	FIX!!!		16%	155.2		3.9	5.2	7.8	#VALUE!	#VALUE!	

* Morgellans Product scoop and packets

Cheik-I-Dine has 75 mcg/drop = 1.5 mg/mL

Tincture 2.40% 2.00% fill

Lugols 4.00% 2.00%

Ethanol

Notes

12/6/2020 KI 105% approx 30 drops/ml, weighs ____; NaI 118% approx 34 drops/ml, density ~1.65 g/ml; Lugols 20 drop/ml, density

11/21/2020 KI max is approx 104%. 130% will not dissolve (try different brand?)

11/21/2020 NaI solution: approx 21 water, 12 NaI to make 33 ml, start w less water next time (~ 17 ml hot)