

iodines_summary_d

4/17/2024 11:32 AM

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CKIS Gastro Chg Cheik-I-Dine Lugols 2% Tincture 2% SSKI 143% CKIS 99 CKIS 66 CKIS 33 CKIS 16

% of I- in KI 76.40%
 % of Cl- in NaCl 60.66%
 % of Cl- in HCl 97.26%
 % of I- in NaI 84.66%

MW H+ 1.000 **M = WV% * 10 / MW**
 MW I- 126.900 **WV% = M/10 * MW**
 MW Cl- 35.450 **mg/ML = WV% * 10**
 MW K+ 39.090
 MW Na+ 22.990 **Na/K molarity**
 MW KI 165.990 **Na/K wt**
 MW NaCl 58.440 **Cl-/I- moles**
Cl-/I- wt

[LINK to digestive jui](#)
[LINK to digestive juic](#)

Notes
 4/2/2024 Cheik-I-Dine is

CKIS Gastro Chg Cheik-I-Dine Lugols 2% Tincture 2% SSKI 143% CKIS 99 CKIS 66 CKIS 33 CKIS 16

drops/mL = 20

NaCl	%	14.00%
NaCl / mL	gm	0.140
NaCl / drop	gm	0.007

Na+ / K+ ratio	mEq	7.27	No K+ or Cl-
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NaI	%											2
KI	%	5.46%	46.0	0.12%	4	0	143	99	66	33	16	0
I2 Conc	%	0.15%	2.5	0.059%	2.000%	2.000%	0.000%	0.150%	0.100%	0.075%	0.025%	0
	ppm	1,500	2.5	593	20,000	20,000	0	1,500	1,000	750	250	0
I- Conc*	%	4.17%	46.0	0.09%	3.06%	1.69%	109.25%	75.64%	50.42%	2.09%	12.61%	109.25%
	ppm	41,714	46.0	906	30,560	16,932	1,092,520	756,360	504,240	20,857	126,060	1,092,520
I2 per mL	mg	1.500	2.5	0.593	20.000	20.000	0.000	1.500	1.000	0.750	0.250	0.000
I- per mL	mg	41.71	46.0	0.91	30.56	16.93	1,092.52	756.36	504.24	20.86	126.06	1,092.52
El per mL	mg	43.2	28.8	1.5	50.6	36.9	1,092.5	757.9	505.2	21.6	126.3	1,092.5
I2 per drop	mg	0.0750	2.5	0.0297	1.0000	1.0000	0.0000	0.0750	0.0500	0.0375	0.0125	0.0000
I- per drop	mg	2.086	46.0	0.045	1.528	0.847	54.626	37.818	25.212	1.043	6.303	54.626
El per drop	mg	2.161	28.8	0.075	2.528	1.847	54.626	37.893	25.262	1.080	6.316	54.626
K+ Conc	%	0.01%	46.0	0.00%	0.94%	0.00%	33.75%	23.36%	15.58%	7.79%	3.78%	0.00%
K+ / mL	mg	0.13	46.0	0.00	9.44	0.00	337.48	233.64	155.76	77.88	37.76	0.00
K+ / mL	mEq	0.00	46.0	0.00	0.24	0.00	8.63	5.98	3.98	1.99	0.97	0.00
K+ / drop	mg	0.01	46.0	0.00	0.47	0.00	16.87	11.68	7.79	3.89	1.89	0.00
Na+ Conc	%	0.06%	*	0.00%	0.00%	0.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Na+ / mL	mg	0.55	*	0.00	0.00	3.07	0.00	0.00	0.00	0.00	0.00	0.00
Na+ / mL	mEq	0.02	*	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
Na+ / drop	mg	0.03	*	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
			*									
Cl- Conc	%	0.08%	*	0.00%	0.00%	#REF!	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cl- / mL	mg	0.85	*	0.00	0.00	#REF!	0.00	0.00	0.00	0.00	0.00	0.00
Cl- / mL	mEq	0.02	*	0.00	0.00	#REF!	0.00	0.00	0.00	0.00	0.00	0.00
Cl- / drop	mg	0.04		0.00	0.00	#REF!	0.00	0.00	0.00	0.00	0.00	0.00

Stomach contents 1.4 gm NaCl/L