

## 9. Bertrand Table

Bertrand Table (1/2)

Weight of Sugars (mg)	Weight of Copper Equivalent to Sugars (mg)					Weight of Sugars (mg)	Weight of Copper Equivalent to Sugars (mg)				
	Invert Sugar	Glucose	Galactose	Maltose	Lactose		Invert Sugar	Glucose	Galactose	Maltose	Lactose
10	20.6	20.4	19.3	11.2	14.4	33	64.8	64.6	61.5	36.5	46.1
11	22.6	22.4	21.2	12.3	15.8	34	66.7	66.5	63.3	37.6	47.4
12	24.6	24.3	23.0	13.4	17.2	35	68.5	68.3	65.0	38.7	48.7
13	26.5	26.3	24.9	14.5	18.6	36	70.3	70.1	66.8	39.8	50.1
14	28.5	28.3	26.7	15.6	20.0	37	72.2	72.0	68.6	40.9	51.4
15	30.5	30.2	28.6	16.7	21.4	38	74.0	73.8	70.4	41.9	52.7
16	32.5	32.2	30.5	17.8	22.8	39	75.9	75.7	72.1	43.0	54.1
17	34.5	34.2	32.3	18.9	24.2	40	77.7	77.5	73.9	44.1	55.4
18	36.4	36.2	34.2	20.0	25.6	41	79.5	79.3	75.6	45.2	56.7
19	38.4	38.1	36.0	21.1	27.0	42	81.2	81.1	77.4	46.3	58.0
20	40.4	40.1	37.9	22.2	28.4	43	83.0	82.9	79.1	47.4	59.3
21	42.3	42.0	39.7	23.3	29.8	44	84.4	84.7	80.8	48.5	60.6
22	44.2	43.9	41.6	24.4	31.1	45	86.5	86.4	82.5	49.5	61.9
23	46.1	45.8	43.4	25.5	32.5	46	88.3	88.2	84.3	50.6	63.3
24	48.0	47.7	45.2	26.6	33.9	47	90.1	90.0	86.6	51.7	64.6
25	49.8	49.6	47.0	27.7	35.2	48	91.9	91.8	87.7	52.8	65.9
26	51.7	51.5	48.9	28.9	36.6	49	93.6	93.6	89.5	53.9	67.2
27	53.6	53.4	50.7	30.0	38.0	50	95.4	95.4	91.2	55.0	68.5
28	55.5	55.3	52.5	31.1	39.4	51	97.1	97.1	92.9	56.1	69.8
29	57.4	57.2	54.4	32.2	40.7	52	98.8	98.9	94.6	57.1	71.1
30	59.3	59.1	56.2	33.3	42.1	53	100.6	100.6	96.3	58.2	72.4
31	61.1	60.9	58.0	34.4	43.4	54	102.2	102.3	98.0	59.3	73.7
32	63.0	62.8	59.7	35.5	44.8	55	104.0	104.1	99.7	60.3	74.9

(Continued)

**Bertrand Table (2/2)**

Weight of Sugars (mg)	Weight of Copper Equivalent to Sugars (mg)					Weight of Sugars (mg)	Weight of Copper Equivalent to Sugars (mg)				
	Invert Sugar	Glucose	Galactose	Maltose	Lactose		Invert Sugar	Glucose	Galactose	Maltose	Lactose
56	105.7	105.8	101.5	61.4	76.2	79	143.7	144.5	139.7	86.1	105.4
57	107.4	107.6	103.2	62.5	77.5	80	145.3	146.1	141.3	87.2	106.7
58	109.2	109.3	104.9	63.5	78.8	81	146.9	147.7	142.9	88.3	107.9
59	110.9	111.1	106.2	64.6	80.1	82	148.5	149.3	144.6	89.4	109.2
60	112.6	112.8	108.3	65.7	81.4	83	150.0	150.9	146.2	90.4	110.4
61	114.3	114.5	110.0	66.8	82.7	84	151.6	152.5	147.8	91.5	111.7
62	115.9	116.2	111.6	67.9	83.9	85	153.2	154.0	149.4	92.6	112.9
63	117.6	117.9	113.3	68.9	85.2	86	154.8	155.6	151.1	93.7	114.1
64	119.2	119.6	115.0	70.0	86.5	87	156.4	157.2	152.7	94.8	115.4
65	120.9	121.3	116.6	71.1	87.7	88	157.9	158.3	154.3	95.8	116.6
66	122.6	123.0	118.3	72.2	89.0	89	159.5	160.4	156.0	96.9	117.9
67	124.2	124.7	120.0	73.3	90.3	90	161.1	162.0	157.6	98.0	119.1
68	125.9	126.4	121.7	74.3	91.6	91	162.6	163.6	159.2	99.0	120.3
69	127.5	128.1	123.3	75.4	92.8	92	164.2	165.2	160.8	100.1	121.6
70	129.2	129.8	125.0	76.5	94.1	93	165.7	166.7	162.4	101.1	122.8
71	130.8	131.4	126.6	77.6	95.4	94	167.3	168.3	164.0	102.2	124.0
72	132.4	133.1	128.3	78.6	96.7	95	168.8	169.9	165.6	103.2	125.2
73	134.0	134.7	130.0	79.7	98.0	96	170.3	171.5	167.2	104.2	126.5
74	135.6	136.3	131.5	80.8	99.1	97	171.9	173.1	168.8	105.3	127.7
75	137.2	137.9	133.1	81.8	100.4	98	173.4	174.6	170.4	106.3	128.9
76	138.9	139.6	134.8	82.9	101.7	99	175.0	176.2	172.0	107.4	130.2
77	140.5	141.2	136.4	84.0	102.9	100	176.5	177.8	173.6	108.4	131.4
78	142.1	142.8	138.0	85.1	104.2						