

### Sodium Chloride Conductivity Standards Temperature Variation

Ricca Catalog Number	Conductivity/Description	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C
R2236000	NaCl 10 µS/cm	5.76	6.82	7.88	8.94	10	11.06	12.12	13.18	14.24
R2237000	NaCl 100 µS/cm	57.6	68.2	78.85	89.4	100	110.6	121.2	131.8	142.4
R2238000	NaCl 200 µS/cm	115	136	158	179	200	221	242	264	285
R2241000	NaCl 500 µS/cm	288	341	394	447	500	553	606	659	712
R2243000	NaCl 1000 µS/cm	576	682	788	894	1000	1106	1212	1318	1424
R2236520	NaCl 1413 µS/cm	814	964	1113	1263	1413	1563	1713	1862	2012
R2244000	NaCl 2000 µS/cm	1152	1364	1576	1788	2000	2212	2424	2636	2848
R2244500	NaCl 3000 µS/cm	1728	2046	2364	2682	3000	3318	3636	3954	4272
R2245000	NaCl 5000 µS/cm	2880	3410	3940	4470	5000	5530	6060	6590	7120
R2246000	NaCl 10000 µS/cm	5760	6820	7880	8940	10000	11060	12120	13180	14240
R2246155	NaCl 15 mS/cm	8640	10230	11820	13410	15000	16590	18180	19770	21360
R2247000	NaCl 20000 µS/cm	11520	13640	15760	17880	20000	22120	24240	26360	28480
R2247300	NaCl 30100 µS/cm	17338	20528	23719	26909	30100	33291	36481	39672	42862
R2248700	NaCl 50 mS/cm	28800	34100	39400	44700	50000	55300	60600	65900	71200
R2248700	NaCl 70000 µS/cm	40320	47740	55160	62580	70000	77420	84840	92260	99680
R2249000	NaCl 100000 µS/cm	57600	68200	78800	89400	100000	110600	121200	131800	142400
R2249150	NaCl 150 mS/cm	86400	102300	118200	134100	150000	165900	181800	197700	213600
R2249200	NaCl 200 mS/cm	115200	136400	157600	178800	200000	221200	242400	263600	284800

These values are calculated based on a conductivity change constant of 2.12%/°C.

This chart does not specify the results of any lot and cannot be used as a Certificate of Analysis.

Ricca products are standardized at 25°C with the CofA containing actual results for each lot.

Conductivity in the chart above is in µS/cm (equivalent to µmho/cm).