

EXAXOL

manufacturers of laboratory solutions/standards in 1988

CERTIFICATE OF ANALYSIS

Product: Conductivity Standard, 10,000 μ -mhos (C-1065-10000)

Lot: 180522B

Expires: (1 yr) 06/2019

Assay (ppm, M, N, %, etc)

Actual: 10,000

Contains: Potassium chloride, water: both ACS

Other results: 10,000 μ -mhos @ 25° C (+/- 0.3%)

Temperature Conversion Factor = 1.850%

Conductivity changes with temperature as follows:

0C: 5375	1C: 5560	2C: 5745	3C: 5930	4C: 6115	5C: 6300
6C: 6485	7C: 6670	8C: 6855	9C: 7040	10C: 7225	11C: 7410
12: 7595	13C: 7780	14C: 7965	15C: 8150	16C: 8335	17C: 8520
18C: 8705	19C: 8890	20C: 9075	21C: 9260	22C: 9445	23C: 9630
24C: 9815	25C: 10000	26C: 10185	27C: 10370	28C: 10555	29C: 10740
30C: 10925	31C: 11110	32C: 11295	33C: 11480	34C: 11665	35C: 11850

TDS= 5,701 ppm KCl

Made in accordance with written standard Good Laboratory Practice Procedures. Volumetric glassware used is strictly Class A per ASTM E288 requirements, maintained in accordance with ASTM E 542. Analytical balance(s) calibrated periodically using certified Class S NIST weights, and documented. Thermometers used are NIST calibrated. Standardized products prepared according to Master Lab Record book, with lot #, batch size, customer, and testing results.

STORAGE: ambient (15 degC-30 degC)

Standards used:

NIST: Potassium Chloride KCl 3193

Exaxol:

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