

Certificate of Analysis

Sodium Chloride Solutions Kit

The standards below are certified for use as a system suitability standard to assess the performance of a differential refractive index (dRI) detector, such as the Optilab™ refractometer. They are not recommended for use as a dRI detector calibrant.

Sodium chloride (NaCl) in water: $dn/dc = 0.174 \text{ mL/g}$ at 658 nm; $dn/dc = 0.172 \text{ mL/g}$ at 690 nm

Wyatt p/n: 900080

Lot Number: 01222025

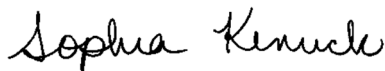
Expires: 30 Jan 2028

Storage: Room temperature

Standard analysis data:

Standard	CAS#	Purity	Concentration (mg/mL)
18 MΩ water	7732-18-5	100.00 %	NEAT
0.100 mg/mL NaCl Solution	7764-18-5	99.999 %	0.100
0.250 mg/mL NaCl Solution	7764-18-5	99.999 %	0.250
0.500 mg/mL NaCl Solution	7764-18-5	99.999 %	0.500
1.000 mg/mL NaCl Solution	7764-18-5	99.999 %	1.000
1.200 mg/mL NaCl Solution	7764-18-5	99.999 %	1.200
2.000 mg/mL NaCl Solution	7764-18-5	99.999 %	2.000
3.000 mg/mL NaCl Solution	7764-18-5	99.999 %	3.000
4.000 mg/mL NaCl Solution	7764-18-5	99.999 %	4.000
5.000 mg/mL NaCl Solution	7764-18-5	99.999 %	5.000

Certification:



Sophia Kenrick
Head of Analytical Sciences

Date:

30 Jan 2025