

Verfahrenskenndaten für die Validierung des Vario Total Nitrogen HR Set zum Nachweis von Gesamtstickstoff (5-150 mg/L)

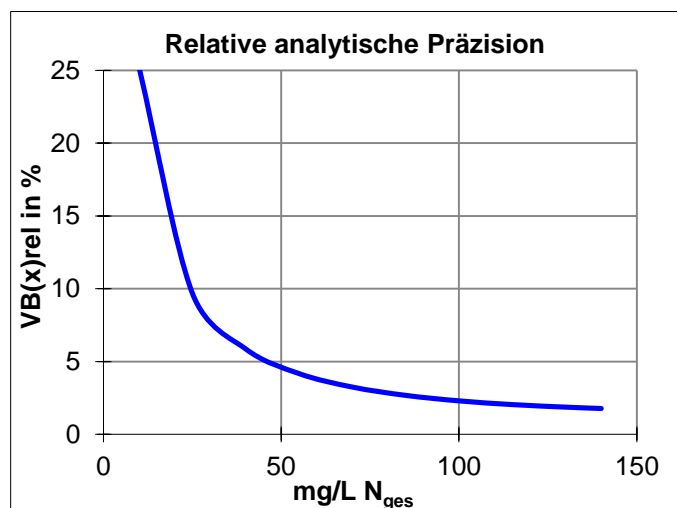
Technical data for Validation of Vario Total Nitrogen HR Set for Total Nitrogen (5-150 mg/L)

Die Verfahrenskenndaten für die unten genannten Reagenzien wurden in Anlehnung an ISO 8466-1 und DIN 38402 A51 "Kalibrierung von Analyseverfahren" ermittelt.

The Data, specified for the test procedure using the respective reagent, were determined according to ISO 8466- 1 and DIN 38402 A51 "Calibration of analysis methods".

Method / Method	Vario Total Nitrogen HR
Artikelnummer / Article number	(4)53 55 60
Messbereich / Measuring Range	5 – 150 mg/L
Photometer	Spectro direct
Wellenlänge / Wavelength	410 nm
Küvette / Cuvette	16 mm

Verfahrenskenndaten			
Specified Data for Procedure			
Empfindlichkeit (Steigung) bei 1 mg/L Sensitivity (slope) of 1 mg/L		0,00498	Ext. / (mg/L)
Nachweisgrenze (Nullwertmethode) Limit of Detection (Blanc procedure)	3 x s(blanc)	1,87	mg/L
Bestimmungsgrenze (Nullwertmethode) Limit of quantification (Blanc procedure)	9 x s(blanc)	5,60	mg/L
Vertrauensbereich (95%) Confidence Interval (95%)		+/- 2,27	mg/L
Verfahrensstandardabweichung Method standard deviation		0,94	mg/L
Verfahrensvariationskoeffizient Method variation coefficient		+/- 1,2	%
Produktionschargen zur Berechnung Lots for Calculation		Hydroxide: P10A, P10B, P10C / Persulfat: P08A, P05A Reagent A: N10A / Reagent B: N09C, N10A Acid LR/HR: P01C, P02A	



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