

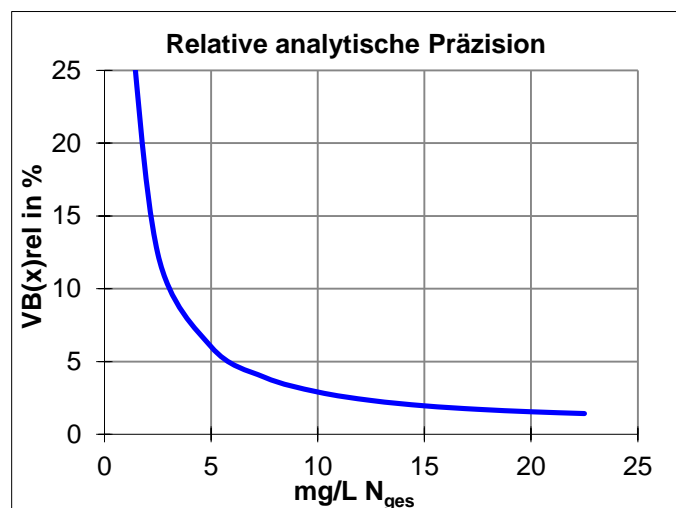
Verfahrenskenndaten für die Validierung des Vario Total Nitrogen LR Set zum Nachweis von Gesamtstickstoff (0,5-25 mg/L)**Technical data for Validation of Vario Total Nitrogen HR Set for Total Nitrogen (0,5-25 mg/L)**

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 / Methode	Vario Total Nitrogen LR
Artikelnummer / Article number	(4)53 55 50
Messbereich / Measuring Range	0,5 – 25 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		0,01999	Ext. / (mg/L)
Nachweisgrenze (Nullwertmethode) Limit of Detection (Blanc procedure)	3 x s(blanc)	0,25	mg/L
Bestimmungsgrenze (Nullwertmethode) Limit of quantification (Blanc procedure)	9 x s(blanc)	0,74	mg/L
Vertrauensbereich (95%) Confidence Interval (95%)		+/- 0,29	mg/L
Verfahrensstandardabweichung Method standard deviation		0,12	mg/L
Verfahrensvariationskoeffizient Method variation coefficient		+/- 1,1	%
Anzahl Produktionschargen zur Berechnung Number of 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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