

Certificate of Traceability

Product name: tHB Calibration Solution

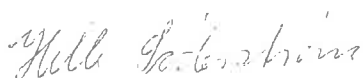
Type: S7770

Code: 944-021

Traceability of parameters:

Parameter	Unit	Traceable to	Expanded Uncertainty
ctHb	g/dl	NIST SRM (absorbance, wavelength). Hemoglobin-cyanide standard. J.T. Baker (Product No. 3061)	0.2
sO ₂	%	NIST SRM (absorbance, wavelength). NIST SRM gas, whole blood sample, pH = 7.4, ctHb = 15 g%, sO ₂ = 100 %	0.4

Certification: Each lot of this product has been tested, and the control limits, specified on the insert included with this product, have been established with the above traceability.



Helle Søderstrøm
Head of Production Laboratory



H.B. Kristensen
Head of Chemical Reference Laboratory

The traceability of the above parameters is fully described in booklet AS 117: *Traceability to the Primary Reference Standards at Radiometer*, available from Radiometer.

Certificate of Traceability

Product name: Calibration Gas 2, EUR

Type: Gas mixture, 1 L

Code: 962-170

Traceability of parameters:

Parameter	Unit	Traceable to	Expanded Uncertainty
CO ₂	mol %	Primary, gravimetrically prepared standards. Traceable to NIST traceable weights.	0.03
O ₂	mol %	Primary, gravimetrically prepared standards. Traceable to NIST traceable weights.	0.03

Certification: Each lot of this product has been tested, and the nominal values, specified on the label of this product, have been established with the above traceability.

Bjarne Kristensen

H.B. Kristensen
Head of Chemical Reference Laboratory

The traceability of the above parameters is fully described in booklet AS 117: *Traceability to the Primary Reference Standards at Radiometer*, available from Radiometer.

Certificate of Traceability

Product name: Calibration Solution 2

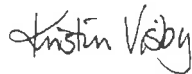
Type: S1830

Code: 944-129

Traceability of parameters:

Parameter	Unit	Traceable to	Expanded Uncertainty
pH		The IUPAC pH scale and the NIST pH scale. The Chemical Reference Laboratory of Radiometer Medical ApS, which is the primary Danish national laboratory within pH, establishes the IUPAC pH scale under accreditation No. 119, granted by Danish Accreditation (DANAK).	0.006
cK ⁺	mmol/L (37 °C)	NIST SRM	0.37
cNa ⁺	mmol/L (37 °C)	NIST SRM	0.4
cCa ²⁺	mmol/L (37 °C)	Calcium transfer standards according to IFCC	0.06
cCl ⁻	mmol/L (37 °C)	NIST SRM	0.5

Certification: Each lot of this product has been tested, and the true values given in the barcode of the label for this product have been established with the above traceability.



Kristin Visby
Head of Production Laboratory



H.B. Kristensen
Head of Chemical Reference Laboratory

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Certificate of Traceability

Product name: Calibration Gas 1, EUR

Type: Gas mixture, 1 L

Code: 962-169

Traceability of parameters:

Parameter	Unit	Traceable to	Expanded Uncertainty
CO ₂	mol %	Primary, gravimetrically prepared standards. Traceable to NIST traceable weights.	0.03
O ₂	mol %	Primary, gravimetrically prepared standards. Traceable to NIST traceable weights.	0.03

Certification: Each lot of this product has been tested, and the nominal values, specified on the label of this product, have been established with the above traceability.

Bjame Kristensen

H.B. Kristensen
Head of Chemical Reference Laboratory

The traceability of the above parameters is fully described in booklet AS 117: *Traceability to the Primary Reference Standards at Radiometer*, available from Radiometer.

Certificate of Traceability

Product name: Calibration Solution 1

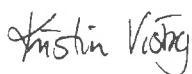
Type: S1820

Code: 944-128

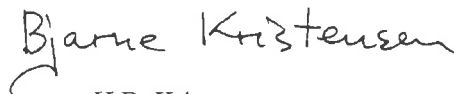
Traceability of parameters:

Parameter	Unit	Traceable to	Expanded Uncertainty
pH		The IUPAC pH scale and the NIST pH scale. The Chemical Reference Laboratory of Radiometer Medical ApS, which is the primary Danish national laboratory within pH, establishes the IUPAC pH scale under accreditation No. 119, granted by Danish Accreditation (DANAK).	0.009
cK ⁺	mmol/L (37 °C)	NIST SRM	0.03
cNa ⁺	mmol/L (37 °C)	NIST SRM	0.8
cCa ²⁺	mmol/L (37 °C)	Calcium transfer standards according to IFCC	0.01
cCl ⁻	mmol/L (37 °C)	NIST SRM	1.1
cGlucose	mmol/L (37 °C)	NIST SRM	0.3
cLactate	mmol/L (37 °C)	Lactic Acid, Lithium Salt. SIGMA L-2250	0.2

Certification: Each lot of this product has been tested, and the true values given in the barcode of the label for this product have been established with the above traceability.



Kristin Visby
Head of Production Laboratory



H.B. Kristensen
Head of Chemical Reference Laboratory

The traceability of the above parameters is fully described in booklet AS 117: *Traceability to the Primary Reference Standards at Radiometer*, available from Radiometer.