

ANALYSIS CERTIFICATE

Manufacturer Name and Address: Thermo Fisher Scientific Oy
Ratastie 2, FIN-01620 Vantaa, Finland

Product Name : Magnesium (Mg)

Catalogue no. : 984360

Lot no. : G659

Package : 8 x 10 ml

Storage Conditions : 2...8 °C


Expiry date : 2013-06

Quality Control
Performance test:

<u>Control</u>	<u>Result (mg/l)</u>	<u>Target range (mg/l)</u>
Lontrol High	120	108 – 132
Control Low	25	22 – 28

This product with the mentioned lot number was analysed by our authorised quality control department and confirmed that it meets its specifications.

Vantaa 29 / 8 2011



Hannele Laine
Quality Assurance Specialist
Quality Regulatory and Compliance
Clinical Diagnostics Finland

ANALYSIS CERTIFICATE

Manufacturer Name and Address: Thermo Fisher Scientific Oy
Ratastie 2, FIN-01620 Vantaa, Finland

Product Name : Magnesium

Catalogue no. : 981884

Lot no. : G293

Package : 12 x 20 ml

Storage Conditions : 2...8 °C


Expiry date : 2013-03

**Quality Control
Performance test:**

<u>Control (lot)</u>	<u>Result (mmol/l)</u>	<u>Target range (mmol/l)</u>
Abtrol (F114)	1.34	1.20 – 1.40
Nortrol (F113)	0.82	0.75 – 0.89

This product with the mentioned lot number was analysed by our authorised quality control department and confirmed that it meets its specifications.

Vantaa 11 / 4 2011



Marja Keurulainen
Quality Chemist
Quality Regulatory and Compliance
Clinical Diagnostics Finland

Konelab 60i (QC)
SN: A5120360

11.4.2011 12:51

981884 6293 2013-03

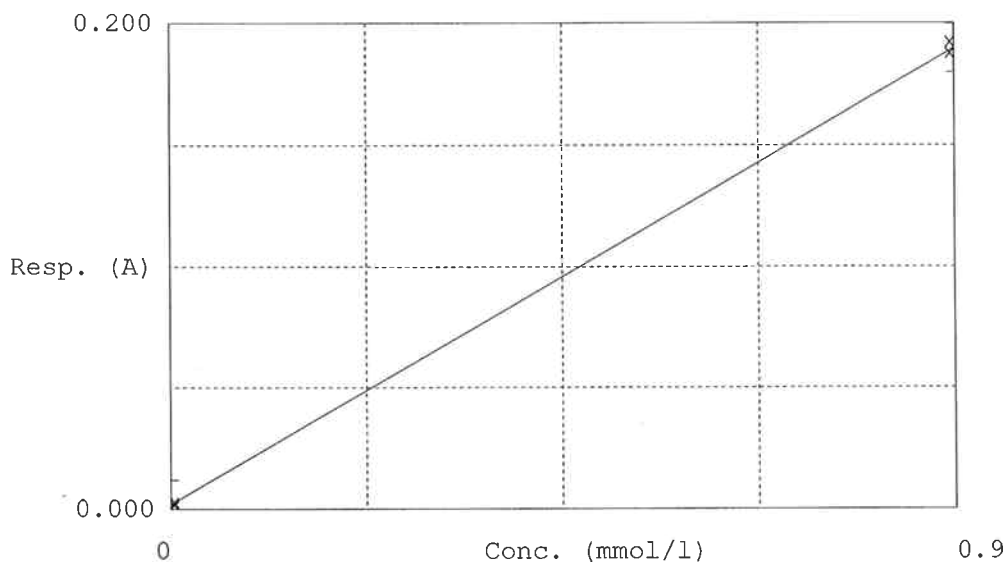
Test Mg N

Accepted 8.4.2011 13:20

Factor 4.789
Bias 0.002

Coeff. of det. 0.999675

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	Water	0.003	0.004	0.000	
2	Water	0.001	-0.004	0.000	
3	sCal	0.188	0.889	0.900	
4	sCal	0.192	0.911	0.900	

Calibrator Information

Water Distilled water
sCal sCal 981831 lot E213 exp 2012-04

ANALYSIS CERTIFICATE

Manufacturer Name and Address: Thermo Fisher Scientific Oy
Ratastie 2, FIN-01620 Vantaa, Finland

Product Name : Magnesium

Catalogue no. : 981385

Lot no. : F132

Package : 12 x 20 ml

Storage Conditions : 2...25 °C


Expiry date : 2011-12

**Quality Control
Performance test:**

<u>Control (lot)</u>	<u>Result (mmol/l)</u>	<u>Target range (mmol/l)</u>
Abtrol (D390)	1,30	1,22 - 1,44
Nortrol (D389)	0,80	0,75 - 0,89

This product with the mentioned lot number was analysed by our authorised quality control department and confirmed that it meets its specifications.

Vantaa 26 / 2 2010


Hannele Laine
Quality Assurance Specialist
Quality Regulatory and Compliance
Clinical Diagnostics Finland

Konelab 30i (QC)

SN: P1118753

Thermo Fisher Scientific (CDX Finland)

25.2.2010 15:19

081385 COH. F132 CAP 2011-12

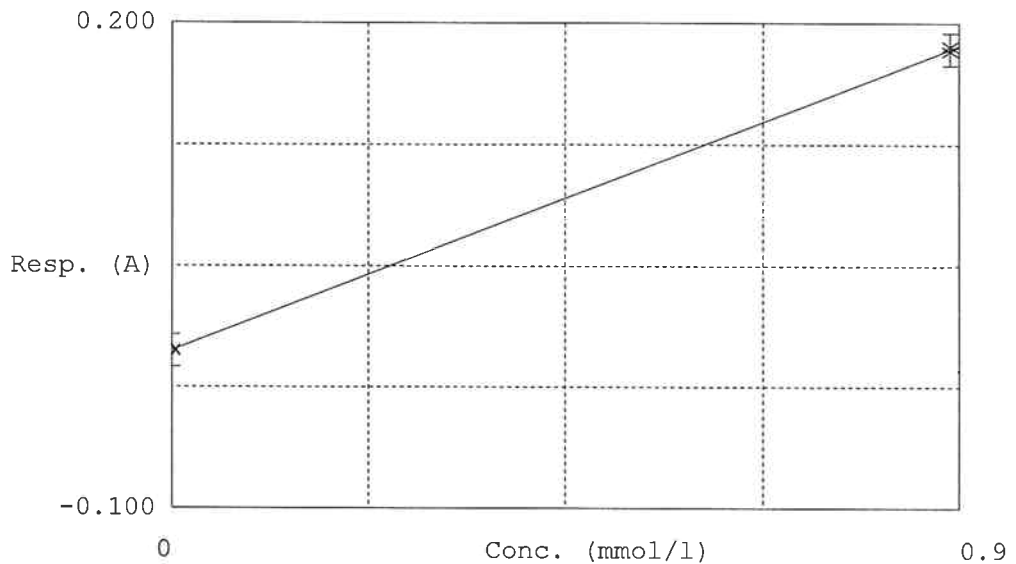
Test MG

Accepted - -

Factor 4.773
Bias -0.002

Coeff. of det. 0.999864

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	Water	-0.002	0.002	0.000	
2	Water	-0.003	-0.002	0.000	
3	sCal	0.183	0.883	0.890	
4	sCal	0.186	0.897	0.890	
5	Nortrol(control)	0.171	0.828	0.820	
6	Abtrol(control)	0.273	1.313	1.330	

Calibrator Information

Water	Distilled water
sCal	sCal 981831 <i>lot E213A</i>
Nortrol	981043 Nortrol, control serum, lot D389 exp 2011-04
Abtrol	981044 Abtrol, control serum, lot D390 exp 2011-04

ANALYSIS CERTIFICATE

Manufacturer Name and Address: Thermo Fisher Scientific Oy
Ratastie 2, FIN-01620 Vantaa, Finland

Product Name : Magnesium

Catalogue no. : 981385

Lot no. : F444

Package : 12 x 20 ml

Storage Conditions : 2...25 °C


Expiry date : 2011-12

**Quality Control
Performance test:**

<u>Control (lot)</u>	<u>Result (mmol/l)</u>	<u>Target range (mmol/l)</u>
Abtrol (F114)	1,31	1,19 - 1,39
Nortrol (F113)	0,80	0,75 - 0,87

This product with the mentioned lot number was analysed by our authorised quality control department and confirmed that it meets its specifications.

Vantaa 28 / 6 2009



Marja Keurulainen
Quality Chemist
Quality Regulatory and Compliance
Clinical Diagnostics Finland

Konelab 30i (QC)
 SN: P1118753
 Thermo Fisher Scientific (CDX Finland)

28.6.2010 12:52

981385 lot F444 exp 2011-12

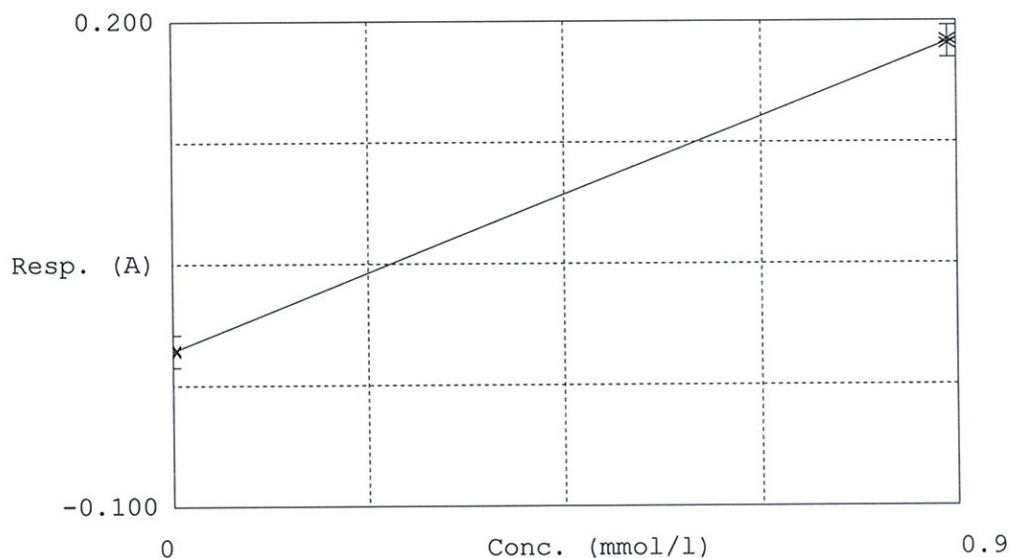
Test MG

Accepted - -

Factor 4.666
 Bias -0.004

Coeff. of det. 0.999874

Errors



Calibrator	Response	Calc. con.	Conc.	Errors
1 Water	-0.003	0.003	0.000	
2 Water	-0.004	-0.003	0.000	
3 sCal	0.186	0.883	0.890	
4 sCal	0.188	0.897	0.890	
5 Nortrol (control)	0.167	0.797	0.810	
6 Abtrol (control)	0.272	1.286	1.290	

Calibrator	Information
Water	Distilled water
sCal	sCal 981831
Nortrol	981043 Nortrol
Abtrol	981044 Abtrol