


 QS-Labor für Frisches Obst,
 Gemüse und Kartoffeln
 QS-Labor für Futtermittel.

Modena (Italy), li 04/07/2013

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 CUSTOMER
MADDALENA S.p.A.
 Via G.B. Maddalena, 2/4
 33040 POVOLETTO UD
AMENDMENT TEST REPORT n° 10D10583-In-1
 It completely replaces all previous versions:
 10D10583-In-0.
SAMPLE 10D10583**Analysis beginning date 26/04/2010**
 Description provided by Customer: WATER METERS - STANDARD ISO 4064 AND DIRECTIVE 75/33/EEC - REQUEST NO. MADD0002 - CATEGORY: MULTI-JET, SEALED REGISTER, MID WATER METER - SIZE DN 20 mm - ITEM CODE DS5.05SL - NO. OF SAMPLES PROVIDED: 3 - BODY LENGTH 160 mm TO 190 mm H, 105 mm V - MODEL DS TRP MID - SAMPLE ARRIVAL DATE 23/04/2010, SAMPLING BY: CUSTOMER, TRANSPORT BY: NEOTRON
 Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYTICAL TECHNIQUE	ANALYSES ENDING DATE
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	< LQ			p.p.m. (p/p)	6		CM 102		10/06/2010
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	< LQ			mg/dm2	1		CM 102		10/06/2010

END TEST REPORT**Notes and method reference:**

< LQ: = lower than Quantification Limit. Please note that results expressed as '<LQ' may not indicate the absence of the searched parameters in the sample.

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself.

Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007. If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively.

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as "non conform".

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), - Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

Test Report issued according to the 17025:2005 Standard

DATA and SAMPLE STORAGE: Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months.

Data expressed in this test report refer only to the sample tested in the laboratory. The description or any other reference concerning the sample are declared by the customer. This Test Report cannot be reproduced except in full. Partial reproductions must be authorized in writing by our laboratory.

LABORATORY MANAGER: DR. GIAN CARLO GATTI - MEMBER OF AOAC N. VM 90231001 - EURCHEM

Approved by Analysis Manager - laboratory PCK

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 Laboratorio Qualificato D.M. 26-2-87 Art. 4 - Legge 46/82 per la Ricerca Applicata e Innovazione Tecnologica.
 Regione Emilia Romagna - AUTORIZZAZIONE Autocontrollo N° 008/MO/008
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33040 POVOLETTO UD
AMENDMENT TEST REPORT n° 10D10580-In-1
 It completely replaces all previous versions:
10D10580-In-0.
SAMPLE 10D10580**Analysis beginning date 26/04/2010**
 Description provided by Customer: WATER METERS - STANDARD ISO 4064 AND DIRECTIVE 75/33/EEC - REQUEST NO. MADD0003 - CATEGORY: MULTI-JET, SEALED REGISTER, MID WATER METER - SIZE DN 25 mm - ITEM CODE DS7.0AAC - NO. OF SAMPLES PROVIDED: 3 - BODY LENGTH 220 mm TO 260 mm - MODEL DS TRP MID - SAMPLE ARRIVAL DATE 23/04/2010, SAMPLING BY: CUSTOMER, TRANSPORT BY: NEOTRON
 Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LG	LD	METHOD	ANALYTICAL TECHNIQUE	ANALYSES ENDING DATE
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	< LQ			p.p.m. (p/p)	6		CM 102		10/06/2010
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	< LQ			mg/dm2	1		CM 102		10/06/2010

END TEST REPORT

Notes and method reference:

< LQ: = lower than Quantification Limit. Please note that results expressed as '<LQ' may not indicate the absence of the searched parameters in the sample.

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself.

Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007. If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively.

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as "non conform".

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (...) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), - Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

Test Report issued according to the 17025:2005 Standard

DATA and SAMPLE STORAGE: Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months.

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AMENDMENT TEST REPORT n° 10D10577-In-1
 It completely replaces all previous versions:
10D10577-In-0.
SAMPLE 10D10577**Analysis beginning date 26/04/2010**
 Description provided by Customer: WATER METERS - STANDARD ISO 4064 AND DIRECTIVE 75/33/EEC - REQUEST NO. MADD0004 - CATEGORY: MULTI-JET, SEALED REGISTER, MID WATER METER - SIZE DN 30 mm - ITEM CODE DS10.0AAD - NO. OF SAMPLES PROVIDED: 3 - BODY LENGTH 220 mm TO 260 mm - MODEL DS TRP MID - SAMPLE ARRIVAL DATE 23/04/2010, SAMPLING BY: CUSTOMER, TRANSPORT BY: NEOTRON.
 Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYTICAL TECHNIQUE	ANALYSES ENDING DATE
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	10,4			p.p.m. (p/p)	6		CM 102		10/06/2010
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	1,7			mg/dm2	1		CM 102		10/06/2010

END TEST REPORT

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself. Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007. If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively.

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as "non conform".

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), - Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

Test Report issued according to the 17025:2005 Standard

DATA and SAMPLE STORAGE: Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months.

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AMENDMENT TEST REPORT n° 10D10576-In-1
 It completely replaces all previous versions:
 10D10576-In-0.
SAMPLE 10D10576**Analysis beginning date 26/04/2010**
 Description provided by Customer: WATER METERS - STANDARD ISO 4064 AND DIRECTIVE 75/33/EEC - REQUEST NO. MADD0005 - CATEGORY: MULTI-JET, SEALED REGISTER, MID WATER METER - SIZE DN 40 mm - ITEM CODE DS20.06X0 - NO. OF SAMPLES PROVIDED: 3 - BODY LENGTH 300 mm - MODEL DS TRP MID - SAMPLE ARRIVAL DATE 23/04/2010, SAMPLING BY: CUSTOMER, TRANSPORT BY: NEOTRON.
 Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYTICAL TECHNIQUE	ANALYSES ENDING DATE
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	8,4			p.p.m. (p/p)	6		CM 102		10/06/2010
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	1,4			mg/dm2	1		CM 102		10/06/2010

END TEST REPORT

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself. Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007. If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively.

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LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as "non conform".

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), - Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).
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AMENDMENT TEST REPORT n° 10D10575-In-1

 It completely replaces all previous versions:
10D10575-In-0.
SAMPLE 10D10575
Analysis beginning date 26/04/2010

 Description provided by Customer: WATER METERS - STANDARD ISO 4064 AND DIRECTIVE 75/33/EEC - REQUEST NO. MADD0006 - CATEGORY: MULTI-JET, SEALED REGISTER, MID WATER METER - SIZE DN 50 mm - ITEM CODE DS30.071Y - NO. OF SAMPLES PROVIDED: 3 - BODY LENGTH 300 mm FLANGED OR THREADED ENDS - MODEL DS TRP MID - SAMPLE ARRIVAL DATE 23/04/2010, SAMPLING BY: CUSTOMER, TRANSPORT BY: NEOTRON
 Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYTICAL TECHNIQUE	ANALYSES ENDING DATE
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	1,7			mg/dm ²	1		CM 102		10/06/2010
Determination of overall migration test in distilled water at 40°C for 24 h (C.M.102-78 and D.M. 06-04-2004, n.174)	10,2			mg/kg	6		CM 102		10/06/2010

END TEST REPORT

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 Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), -- Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

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