



Dutch  
Metrology  
Institute

# Facts Sheet Interlaboratory Comparison

## Calibration of pipettes

### Round 4

#### Contact details:

VSL

Visiting Address:

Thijssseweg 11

2629 JA Delft

The Netherlands

Mail Address:

P.O. box 654

2600 AR Delft

The Netherlands

#### Coordinator:

Peter van Otterloo

+31 15 269 1500

ComPass@vsl.nl

#### Information about the artifacts to be circulated:

1 x P2            0,2 – 2  $\mu$ L

1 x P20           2 – 20  $\mu$ L

1 x F100           100  $\mu$ L

1 x F250           250  $\mu$ L

1 x F500           500  $\mu$ L

#### Estimate number of participants:

Minimum number of participants: 6

Maximum number of participants: 20

#### Measurements protocol:

Will be provided with the artifact.

A maximum period of five weekdays (1 week) will be reserved for each participating laboratory inside the Netherlands; outside the Netherlands a maximum period of 10 weekdays (2 weeks) will be reserved.

#### Fee:

€ 495.– ex. VAT & transport

#### Evaluation:

Evaluation by z-score and  $E_n$  numbers. For the determination of the z-score fix limits will be used.

All participants will receive a report and certificate of the interlaboratory comparison within four weeks after ending the comparison cycle.

#### Accreditation:

The organisation of this Interlaboratory Comparison is in accordance with the requirements of the ISO/IEC-17043.

#### Confidential statement:

"VSL keeps all data regarding the performance of individual participants, or groups of participants, strictly confidential. Data is accordingly protected and stored in areas on networks with restricted access. The relationship between results and the laboratories that submitted them will never be disclosed. Only the laboratory is granted access to its performance through the assigned code number."

#### Schedule:

Registration until 1 August 2015

Estimated start of the comparison cycle 1 September 2015

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#### Requirement 5.9 ISO/IEC 17025:

*Assuring quality of testing and calibration results:* The laboratory will have quality control procedures for monitoring test validity and calibrations undertaken. This monitoring will be planned and validated and may include the following: *participation in interlaboratory comparisons or proficiency-testing programmes.*



# Registration for Interlaboratory Comparison

## Calibration of Pipettes

### Round 4

Organisation/Laboratory:	
Contact person	
Title:	
Name:	
E-mail:	
Tel:	
Fax:	
Correspondence address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	
Delivery Address	
Street: <i>(do NOT use a P.O. box here)</i>	
Postal code:	
City:	
State / Province:	
Country:	
Invoice Address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	

#### Participation in:

**ILC -Pipettes round 4 € 495.00**

Purchase Order number:	
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**Registration until 1 August 2015, minimum: 6 participants, maximum: 20 participants!**

#### Note:

- VSL reserves the right to cancel the ILC in case the number of participants is smaller than anticipated
- No refunds will be given for failure to take part in the ILC
- Upon receipt of payment, the report will be published.
- General Terms and Conditions of VSL B.V. are applicable
- Prices (EUR) are exclusive VAT and shipping costs

Signature: \_\_\_\_\_

Date:

\_\_\_\_\_

#### Please return form to:

VSL, Peter van Otterloo, P.O. Box 654, 2600 AR Delft, The Netherlands  
Fax +31 15 261 2971 or E-Mail to [ComPass@vsl.nl](mailto:ComPass@vsl.nl)