Key and supplementary comparisons (and pilot studies) - registration and progress form

Comparison conducted by CC **in** QM **Date:** 19/07/2016

1. Subfield: **Chemistry**

RMO internal identifier

2. KCDB identifier: **CCQM-K139**
(for KCs and SCs) *(to be attributed by the BIPM)*

3.Type of comparison:

Key ☒ Supplementary ☐ Pilot study ☐

4. Short description:

Elements in Human Serum

5. Measurand and nominal value(s):
Sodium (2500-4000 mg/kg), Chloride (3000-5000 mg/kg), Copper (0.1-5.0 mg/kg), Selenium (0.03-0.30 mg/kg) and Phosphorus (80-150 mg/kg).

Special characters for copying *(if required)*
α β Γ γ Δ δ ε ζ η θ ι κ λ μ

6. Parameter(s):

7. Transfer device(s)/sample(s):

Frozen human serum.

8. Pilot laboratory(ies) *(acronyms and countries)*:

Health Sciences Authority (HSA), Singapore

9. Participating institutes *(acronyms and countries)*:

(1) National Institute of Metrology (NIM), Romania
(2) Laboratorio Tecnológico del Uruguay (LATU), Uruguay
(3) Physikalisch-Technische Bundesanstalt (PTB), Germany

10. Progress: *(please note date and tick appropriate box to indicate current status)*

Date	Status	Pilot	Supplementary		Key
16/04/2015	Planned	☐	☐		☐
03/05/2016	Protocol complete	☐	☐		☐
19/07/2016	In progress	☐	☐		☒
	Measurement completed	☐	☐		☐
	Report in progress	☐	☐	Draft A	☐
				Draft B	☐
	Report submitted to	☐	☐		☐
	Results approved	☐	☐		
	Approved for equivalence				☐
	Abandoned	☐	☐		☐

Comments:

Publication reference:

11. Measurement start date: **10/2016**

12. (Expected) measurement completion date: **02/2017**

13. Contact person's name: **Dr Richard Shin (HSA)**

Address:
Health Sciences Authority
Applied Sciences Group
Chemical Metrology Laboratory
1 Science Park Rd.

Tel.: **65-6775 1605 (ext 103)**
Fax: **65-6775 1398**
e-mail: Richard_SHIN@hsa.gov.sg
Web:

Completed copy to be forwarded to a) CCXX Executive Secretary;
b) relevant CC Key Comparison WG Chairman;
c) Regional coordinator as appropriate;
d) KCDB Coordinator (except Pilot studies): BIPM.KCDB@bipm.org