



DMRC-CETAMA
DO 2023-49
Diffusé le 8/03/2023

CETAMA
Métrologie et Analyses Chimiques

Marcoule, March 8th 2023,

Subject: Invitation to participate to the "Trace Elements" EQRAIN n° 28 Round Robin test of the CETAMA

Dear colleagues,

Every year, CETAMA organizes Inter-Laboratories Comparison proficiency test called EQRAIN (Evaluation of the Quality of Results of Analysis in the Nuclear Industry) and we are now able to invite you to participate to the next Round Robin test:

EQRAIN « Trace Elements » N°28

with the following 15 elements divided in 2 bottles due of incompatibility between some elements

Bottle 1: H₂O / traces HF matrix

Si, Ti, W

Bottle 2: HNO₃ 2% matrix

Al, B, Fe, K, Na, Ni, P, Pd, S, Th, U, Zn

Reference materials will be prepared in aqueous nitric acid solution and will be packaged in plastic bottles of 100 mL volume. Concentrations of each element will lie between 0.1 and 15 mg L⁻¹ and will be certified.

The fee for participation in this Round Robin test is 1440 euros (including VAT of 20%) and entitles you a pair of bottles from HORIBA, labelled *EQRAIN Traces 28*. Participation also covers the publication costs of a technical note on the results of the inter-laboratories comparison test.

Additional pair of samples costs 360 euros (including VAT of 20%)

Note that the laboratories may use whatever technique they want.

The synthesis of this Inter-Laboratories Comparison will be presented at a specific meeting and will be edited in the form of a technical note in 2023.

If you wish to participate, please send back the registration form. Please note that registration will be effective upon receipt of payment.

Deadline: April 30th 2023

The samples should be sent to your laboratories in May-June 2023.

If you need further information, please do not hesitate to contact us.

Truly yours

Sebastien PICART



INTER-LABORATORIES COMPARISON PROFICIENCY TEST EQRAIN«TRACES ELEMENTS» N°28

REGISTRATION FORM

Family name:

First name:

Company (full information) :

Site :

Phone :

E-mail:

Number of supplementary standards:

Delivery address for the samples:

To the attention of:

Please give a contact name and information regarding your administrative or accounts service:

Please return this form before **April 30th 2023**

E-mail : cetama@cea.fr

or : CEA - Centre de Marcoule
DMRC/CETAMA Bât. 397
BP 17171
30207 Bagnols-sur Ceze, FRANCE

☐ **By bank transfer to : BNP PARIBAS – Paris***with mention « MAR - Circuit EQRAIN Traces N°28 »*

Agence Centrale Entreprises - 1, Bd Haussmann – BP 281 75425 PARIS CEDEX 09

RIB : 30004 00818 00021216221 27 - **IBAN** : FR76 3000 4008 1800 0212 1622 127**SWIFT** : BNPAFRPPVD☐ **By cheque payment to: C.E.A***with mention « MAR - Circuit EQRAIN Traces N°28 »*

CEA - Centre de Marcoule -

Bâtiment 400 – DES/ISEC/DMRC/CETAMA

B.P. 17171 - 30207 BAGNOLS SUR CEZE – France

Registration (incl VAT): 1440 € incl taxes (1200 € excl. taxes) ☐ | Additional
samples: 360 € incl taxes (300 € excl. taxes) ☐