

# If you have AA, ICP or ICP-MS instruments

## Take advantage of our "CUSTOM MULTI-ELEMENT SOLUTIONS"

- *Save time establishing your calibration points.*
- *Traceable to NIST or CRM's.*
- *Analysis Certificates supplied with*
  - *Certified Values with RSD's,*
  - *Lot Numbers,*
  - *Shelf Life specified,*
  - *Expiry Date.*



### CERTIFICATE OF ANALYSIS

#### Custom Multi-element Standard Solution

Lot N°	.....
Reference N°	E1F9.1.2N.L1
Composition	Cu 3,5 mg/l ; Fe 2,5 mg/l ; Zn 3mg/l ;
Matrix	2% HNO <sub>3</sub>

Element	Certified Value and RSD's (mg/l)*	Starting Material Purity	Lot Number starting Solution	Traceability
Cu	3,505 ± 0,007	Cu 99,999%	1/[1]: Cu[Cu]: :T-: 5: D07-05	NIST SRM 3114 Lot N 0110017
Fe	2,500 ± 0,007	Fe(NO <sub>3</sub> ) <sub>3</sub> 99,99+%	1/[1]: Fe[Fe(NO <sub>3</sub> ) <sub>3</sub> ]: :T-: 5: D14-03	NIST SRM 3126a Lot N 000606
Zn	2,999 ± 0,010	ZnO 99,999%	1/[1]: Zn[ZnO]: :T-: 5: C10-10	NIST SRM 3168a Lot N 001402

\*The certified value is based on both gravimetric preparation and instrumental analysis.

\*The uncertainty is calculated as : U = kuc, where k is the multiplier for a 95% level of confidence interval (Table B.1 of Guidelines for Evaluating and Expressing the uncertainty of NIST measurements results), and uc is the combined standard uncertainty calculated according ISO Guide to the Expression of Uncertainty in Measurement.

## Quotation request form over leaf -->



*Specialists in custom standards - Organic and Inorganic*

Campro Scientific GmbH - Germany

P.O. Box 37 03 31 • 14133 Berlin • Tel. +49.(0)30.629.01.89.0 • Fax +49.(0)30.629.01.89.89 • info@campro.eu • www.campro.eu

Campro Scientific GmbH - The Netherlands

P.O. Box 316 • NL-3900 AH Veenendaal • Tel. +31.(0)318.529.437 • Fax +31.(0)318.542.181 • info.nl@campro.eu • www.campro.eu