



## **New Authorized Distributor in the United States**

Analytical Reference Materials International (ARMI) of Golden, Colorado is an official authorized distributor of Certified Reference Materials (CRMs) produced by the European Commission's (EC) Joint Research Centre (JRC), Institute for Reference Materials and Measurement (IRMM). For over 30 years, the EC has produced high quality CRMs. These CRMs now total approximately 650 different materials for use in the areas of organic and inorganic analysis and chemical and physical testing. A detailed listing of the application areas is located on the reverse side.

The European Commission's Joint Research Centre provides both research and manufacturing funding to IRMM for CRM production. All CRMs produced by IRMM carry a prefix of BCR<sup>®</sup>, ERM<sup>®</sup> or IRMM. IRMM is accredited to ISO Guide 34, guaranteeing that these CRMs are produced in full compliance with the latest editions of ISO Guides 34 and 35, which are relevant to CRM production. Also, the CRMs are stored under controlled conditions, which insure their stability. Furthermore, systematic monitoring programs have been established to confirm CRM stability during storage.

Each CRM includes a Certificate of Analysis that has a certified value and an uncertainty budget. These values are traceable to a SI unit (International System of Unity), an internationally recognized reference procedure, or an internationally accepted Reference Material. Additionally, the intended use of each CRM, along with the recommended storage conditions, is stated on the certificate. Furthermore, IRMM provides for each CRM a technical report which describes in detail with full transparency, all steps in the production and value assignment.

ARMI now stocks many of the CRMs for same day quoting, and shipping! In all cases, any CRM can be shipped either immediately from the Golden, CO facility or drop shipped directly from Europe. For a complete catalog, please contact ARMI.

**ANALYTICAL REFERENCE MATERIALS INTERNATIONAL**

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# IRMM

## Certified Reference Material Categories:

### **Environmental Analysis:**

- Pure Materials and Synthetic Mixtures
- Total Elemental Content
- Extractable Element Content and Species
- Organic Pollutants

### **Food Products and Animal Feeds:**

- Pure Materials and Synthetic Mixtures
- GMO Content
- Natural Toxins and Xenobiotics
- Total Elemental Content
- Proximates and Conventional Properties
- Microbiological Properties
- Veterinary Drugs
- Identity Verification

### **Clinical Chemistry:**

- Pure Materials and Synthetic Mixtures
- Hormone Content
- Total Elemental Content and Other Properties
- Protein Content
- Catalytic Activity
- DNA Sequence

### **Physical Properties:**

- Thermal Properties
- Mechanical Properties
- Morphological Properties
- Optical Properties

### **Industrial Applications:**

- Composition
- Trace Element Content

### **Isotopic Measurements:**

- Isotope Abundance Ratio (Amount Ratio)\*
- Isotope Amount Content\*

*\*These materials are only shipped directly from Europe.*