

LQSi CERTIFIED REFERENCE MATERIALS (CRMs)

LQSi offers certified reference materials (LQCRMs) that are manufactured and certified according to stringent industry standards.

ENERGY MINERAL CRMS / SULFUR IN COAL

LQSi currently has three sulfur-in-coal CRMs available, produced by LQSi from specially-prepared and selected materials. Not just any LQSi material is acceptable as a CRM; the LQSi CRM material has to meet stringent homogeneity requirements, including inherent homogeneity. These materials are then subjected to testing by reference laboratories, using select, reference methods.

LQSi sulfur-in-coal CRMs have the following certified values:

- LQCRM027: Sulfur: 0.271 ± 0.005 Wt %
- LQCRM066: Sulfur: 0.662 ± 0.015 Wt %
- LQCRM094: Sulfur: 0.935 ± 0.006 Wt %

These LQCRMs are available in bottles of at least 50 g, at cost, plus shipping. (Contact lqsi@sgs.com for the current pricing.)

Certificates are available upon request.



LQSi has been a NIST subcontractor, producing materials subsequently certified by NIST as SRMs. As a result of one such contract, LQSi has NIST SRM 2693 available for immediate shipment:

- NIST SRM 2693 Sulfur and Mercury in Coal:
- Sulfur: 0.4571 ± 0.0067 Wt %
- Mercury: $37.3 \mu\text{g} / \text{kg} \pm 7.7 \mu\text{g} / \text{kg}$

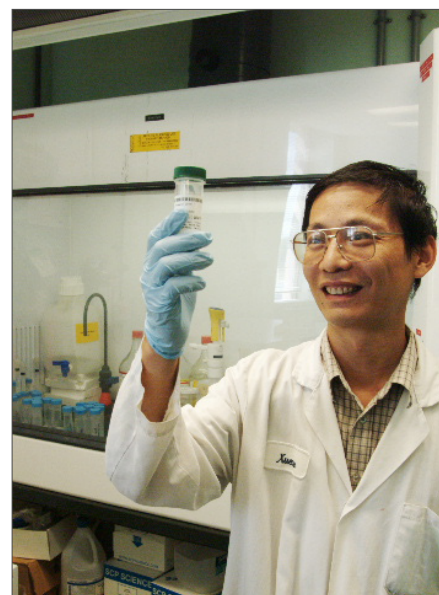
This SRM is available in bottles of 50 g, at cost, plus shipping and a 15% administrative handling fee. Contact lqsi@sgs.com for the current pricing.

NIST SRMS

LQSi can obtain any other NIST SRM and ship the SRM along with our monthly LQSi PTP samples, at cost, plus a 15% administrative handling fee.

ENERGY MINERAL CRMS / PRIMARY HGI CRMS (PENN STATE UNIVERSITY)

LQSi can also obtain primary HGI certified reference materials from Pennsylvania State University and have them shipped to you, at cost, plus a 15% administrative handling fee.



CONTACT INFORMATION

Email us at minerals@sgs.com
www.sgs.com/mining