



## **HSL A9950 respirable $\alpha$ -quartz powder reference material.**

### **Terms and Conditions – v1 March 2015**

These terms and conditions cover the use of HSL A9950 respirable  $\alpha$ -quartz powder reference material which has been developed by the Health and Safety Laboratory (HSL) to assist analysts perform calibration when undertaking the measurement and analysis of crystalline  $\alpha$ -quartz silica in samples of respirable dust collected on filters or in bulk material.

By submitting your written or online order you are offering to acquire the HSL A9950 respirable  $\alpha$ -quartz powder reference material subject to these terms.

This agreement takes effect when HSL accepts your order, which only occurs when we send you an acknowledgement to that effect, or we supply the products you have ordered. HSL's acceptance of your order takes place in England, or is deemed to take place there.

The reference material has been certified through an inter laboratory comparison using X-ray diffraction (XRD). The reference value is an average of all the values obtained by each participating laboratory for several XRD reflections of  $\alpha$ -quartz; the full method of certification is published and referenced in the data sheets accompanying the reference material.

The certified value is therefore HSL's best estimate of the true value, within the stated uncertainty.

In no event shall HSL be liable for any damages (including, without limitation, lost profits, business interruption, or lost information) rising out of the use of or inability to



use HSL A9950 respirable  $\alpha$ -quartz powder reference material, even if HSL has been advised of the possibility of such damages.

HSL will

- inform purchasers of any updated information regarding the samples or its certified value and
- refund the purchase price of the material in such circumstances where proven defects have been brought to its attention.

You are not permitted to distribute or resell HSL A9950 respirable  $\alpha$ -quartz powder reference material.

For all enquiries, please contact +44 (0)1298 218233 or [productsupport@hsl.gsi.gov.uk](mailto:productsupport@hsl.gsi.gov.uk)