



GROUP REPORT

Round 24

LOW ASBESTOS CONTENT SCHEME (LACS)

June 2025



This report is available to view on our website: [LACS Group Reports](#)

ROUND 24 SAMPLE DETAILS

BACKGROUND

This report covers Round 24 of the Low Asbestos Content Scheme (LACS). LACS is currently a qualitative only PT scheme. Round 24 was open to laboratories worldwide. Laboratory participation was as follows: 5 UK and 121 Rest of Europe. 126 laboratories subscribed to this round - 1 lab didn't submit results

SAMPLE

One sample was circulated as follows: Sample LACS024 – This sample was chalk containing UICC Chrysotile. The sample was made as a batch using 0.06% UICC chrysotile by mass of the whole batch sample.

SCREENING & VALIDATOR INFORMATION

The sample was prepared for circulation following our normal internal screening process of samples with representative sub-samples scanned using stereo-zoom and polarised light microscopy and transmission electron microscopy to assess homogeneity and suitability. More than 10% of the total number of samples dispatched were validated by 10 independent laboratories.

INFORMATION SUBMITTED BY LABORATORIES

Laboratories used the PT Online Data Entry System to submit their results for this round. Results were submitted as asbestos type(s) present.

LACS RESULTS - Sample LACS024

Of the 125 laboratories submitting results for R24:

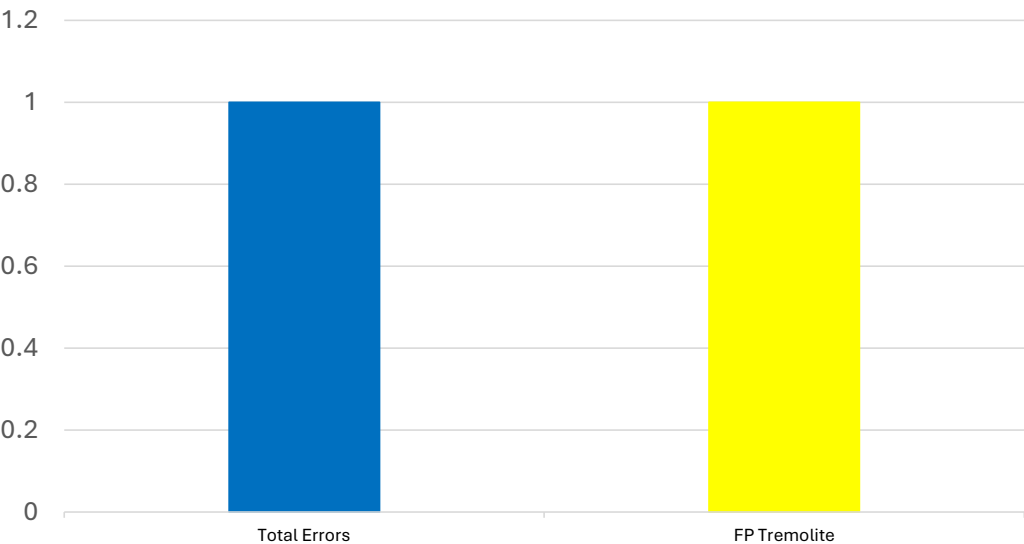
- 124 laboratories correctly reported chrysotile.
- 1 laboratory reported chrysotile & tremolite.

These results are presented graphically in Charts 1 and 2.

1. Type Of Errors Obtained

Chart 1 illustrates the errors made by participating laboratories. One error was made by a laboratory on sample LACS024 reporting tremolite along with the chrysotile.

Chart 1 - LACS Round 24 Errors



False Negative = Component has been missed. False Positive = Component has been incorrectly identified as present.



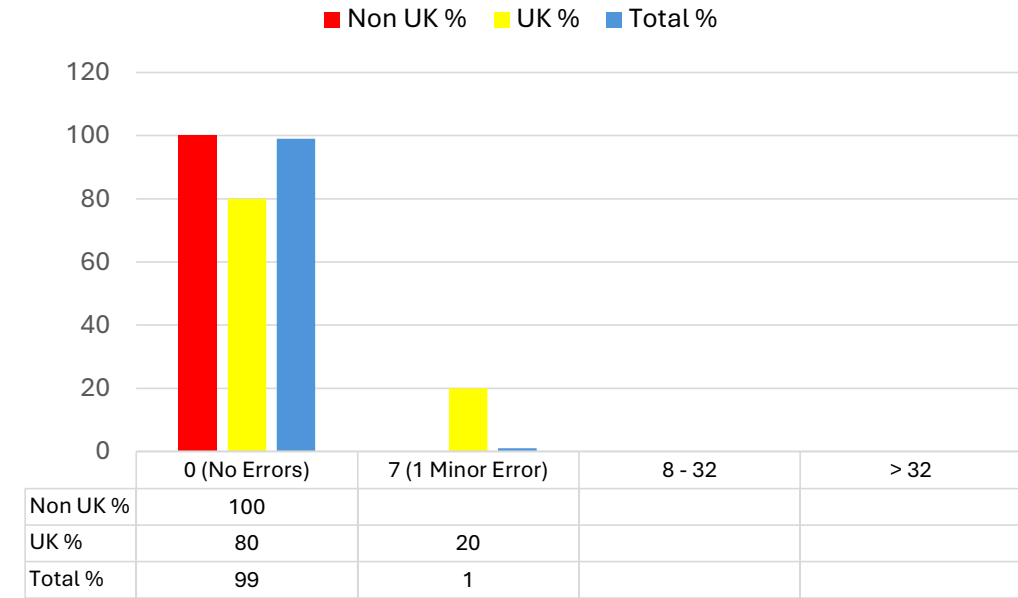


2. Errors for UK & Non-UK Laboratories

Chart 2 illustrates the distribution of scores for all participating laboratories.

124 (99%) laboratories obtained a score of zero in this round, indicating that these laboratories had not made any errors. The distribution of scores obtained by UK (United Kingdom) and Non-UK laboratories is also compared; 4 (80%) UK laboratories and 120 (100%) Non-UK laboratories obtained a score of zero for the round.

Chart 2 - Distribution & Comparison of Errors LACS R24



Quantitative Results

For 2025/26, HSE are not providing quantitative samples for the Low Asbestos Content Scheme (LACS).

Additional Information

All 7 PLM/PCM and 73 TEM laboratories scored zero points in the round. 1 SEM/EDX laboratory scored 7 points.

