

EnviroNote 1146 - April 2026

## Leading the Way in Asbestos Analysis: Transitioning to AS 5370:2024



Eurofins Environment Testing is NATA-accredited for asbestos analysis in bulk materials under **AS 5370:2024 Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD)**, the latest Australian Standard. This accreditation applies across all our asbestos laboratories nationwide, ensuring you receive results that meet the highest standards of accuracy, consistency and regulatory compliance.

As the industry adapts to this new standard, we remain committed to supporting your projects with technical expertise and flexible testing options.

### A New Era for Asbestos Testing

In June 2024, Standards Australia released **AS 5370:2024**, introducing a more rigorous and internationally aligned approach to identifying asbestos in bulk materials. This standard supersedes AS 4964-2004.

AS 5370:2024 brings Australian practice into line with **ISO 22262-1:2012**, enhancing transparency, repeatability and safety across sampling, analysis and reporting. To help you manage this transition smoothly, Eurofins continues to offer analysis under the superseded AS 4964-2004 standard. When submitting samples, simply indicate your preferred standard on the Chain of Custody (CoC).

### Important Information for Sample Submission

Analysis Description	Method Reference	Eurofins Method Code	Volume Requirement/ Container Type
Asbestos in Bulk Materials by AS 4964-2004 (Superseded)	<b>AS 4964-2004</b>	<b>22010a</b>	<b>50g</b> , Plastic Ziplock bag
Asbestos in Bulk Materials by AS 5370:2024 (Current)	<b>AS 5370:2024</b>	<b>22040a</b>	<b>5-100g</b> , Plastic Ziplock bag

## What's Changed? Key Updates at a Glance

Area	AS 4964-2004	AS 5370:2024
<b>Sampling</b>	No formal guidance	Detailed sampling protocols; minimum sample mass 5 g (or 50 cm <sup>2</sup> for vinyl)
<b>Sample Preparation</b>	Basic PLM preparation, 10 mm and 2 mm sieves	Sieving through 7 mm and 2 mm; enhanced mounting procedures
<b>Refractive Index Oil</b>	Amosite: 1.670	Amosite: 1.680
<b>Confirmation</b>	PLM only	PLM plus SEM/TEM with EDS where required
<b>Terminology</b>	Trace analysis; Synthetic Mineral Fibres (SMF), Unidentified Mineral Fibres (UMF)	Residual analysis; Man-Made Vitreous Fibres (MMVF), Inconclusive requires electron microscopy for confirmation
<b>Performance Limit</b>	Not defined	0.1 g/kg (0.01% w/w) for non-homogeneous samples
<b>Quality Control</b>	Basic requirements	Certified reference materials; regular calibration; proficiency testing

## What This Means for You

### 1. Greater Confidence in Results

The introduction of mandatory confirmation techniques (SEM/TEM with EDS) ensures that ambiguous fibres, viz., UMF are identified with certainty, reducing the risk of misinterpretation. This analysis can also be offered within Eurofins.

### 2. Consistent, Comparable Reporting

With harmonised sampling, preparation and reporting protocols, results from different laboratories or projects are more readily comparable - supporting defensible decisions.

### 3. Enhanced Safety Protocols

Updated health and safety measures - including PPE requirements and cross-contamination controls - reinforce our commitment to protecting your Team and ours.

### 4. Flexibility During Transition

We recognise that some projects or legacy data may require consistency with previous methods. That is why we continue to offer AS 4964-2004 testing alongside the new standard.

## Our Commitment to You

Eurofins Environment Testing Australia is dedicated to accuracy, reliability and safety in asbestos identification. With NATA-accredited laboratories across Australia, we have the technical depth and national reach to support your projects - whether you are managing a single site or a complex portfolio, we have expertise across both legacy and current standards.

## Need More Information?

If you have questions about how **AS 5370:2024** affects your work or if you would like to discuss your testing requirements in order to select the correct analytical methodology, please contact your **Analytical Services Manager** or reach out to our Technical Team:

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