

APEO ANALYSIS

Summary

The analysis identifies and quantifies the residual level APEO (Alkylphenolethoxylates) compounds in semi-processed wools (scoured, carbonised or wool top).

APEOs (often called alkylphenols or alkylphenyls) are surfactants. In the textile industry, they are used in detergents in scouring, coating or waterproofing agents, and in dyeing. The most common of these are NPEO (nonylphenolethoxylates) and OPEO (octylphenolethoxylates).

Concerns over the toxicity and ecological impact of these compounds have seen restrictions put in place on their use and permissible residual levels in wool.

The service is offered by the Product Testing division of AWTA Limited. Samples of scoured or carbonised wool are collected at the Raw Wool Laboratories and sent to our partner facility of JinAo located in Nanjing, China. Wool top samples can also be tested, and customers should send these in sealed bags directly to an AWTA Laboratory.



The completed test results are compiled, reported and invoiced by the Product Testing division.

Service:

An AWTA Scoured/Carbonised Core Test Request or Guidance Report Request should be included with the samples, and "APEO Test" written in the "OTHER" section of the form.

AWTA Product Testing requires approximately 300g for APEO analysis, so if this is being requested in addition to other services, please ensure sufficient sample is present for all the requested tests.

The Lead Time for testing is approximately 10 days from sample receipt.

Electronic and hard copy certificates will be provided to customers.

Fees:

Pricing is in Australian Dollars and does not include GST.

APEO Testing is **\$230.00** per sample and includes sample freight to the JinAo Laboratory and test reports.

Contact Us

For more information on this service contact **AWTA Product Testing or Raw Wool** on:

AWTA Product Testing: +61 (0)3 9371 2400 or textiles@awta.com.au

Melbourne Laboratory: +61 (0)3 9371 2100 or lab.mel@awta.com.au