



GOTS ADVISORY

AOX EXTRACTION

January 17th, 2024

Question:

How should the extraction of AOX be carried out for residue testing?

Guidance:

GOTS requires an AOX residue limit of 5mg/kg in GOTS Goods (GOTS 7.0, 5.2.7). The extraction method used in analyses is crucial for obtaining accurate results. To ensure consistency in extraction conditions, by this advisory GOTS provides an extraction method that shall be followed during testing.

The main goal of the extraction should be to ensure that all organohalogens are extracted, and the AOX value is optimum for testing.

In line with this, the extraction method outlined in [DIN EN 647](#) where the sample is extracted in a Soxhlet for 2 hours at a boiling temperature of 120°C as set on the heating module shall be employed.

GOTS will continue to monitor the developments and provide advice as necessary.

Should you need further guidance please do not hesitate to contact kalayci@global-standard.org.