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SAMPLING AND ANALYSIS OF VEGETABLE OIL SOURCE MATERIALS

AOCS Recommended Practice Am 5-04

Approved 2004

Rapid Determination of Oil/Fat Utilizing High Temperature Solvent Extraction

DEFINITION

This method determines the substances extracted by petroleum ether under conditions of the test. The compounds extracted, in most samples, are predominately tricylglycerides. Small amounts of other lipids along with minor components having some solubility in petroleum ether are also extracted.

SCOPE

This method is applicable to extractions of oil seeds (See Numbered Notes, 1) meats, feeds, and foods and is equivalent to the petroleum extraction performed by the Butt and Soxhlet extraction apparatus.

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