
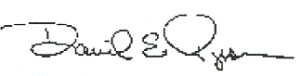


Stepan Company Analytical Method

Stepan Company
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SM 045-0**Odor Test**

Specification Method	Accepted: 10/19/2006	Supercedes:10/19/2001
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SCOPE: This odor method is applicable to finished products only. Do not test materials when the reaction may not be complete.

SUMMARY: The odor of a production sample is evaluated. If the odor is determined to be atypical, an odor comparison is made between a standard and production sample.

SAFETY: Proper technique must be used when evaluating the odor of a material. The container to be sampled must be gently fanned with an open hand while it is moved slowly toward the head.

This method may include the use of potentially hazardous materials. Refer to the MSDS for additional handling and safety information.

Follow appropriate federal, state, and local regulations for proper waste disposal.

APPARATUS: 1. Container, suitable size

PROCEDURE:

1. Evaluate the sample using proper "smelling technique". Fan the sample with an open hand while it is moved slowly toward the head and nose. The odor of the sample should be characterized as "Typical" or "Atypical".
2. If the sample is determined to be atypical evaluate the sample and a standard side by side.
3. The odor of the sample should be characterized as "same as" or "different than" the standard (see Remark 1).

PRECISION and ACCURACY: Due to the subjective nature of this method, an estimation of Precision and Accuracy is not practicable.

REMARKS: 1. If a customer has not provided an odor standard then a typical production sample will be used.

Graphics: