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## Methyl Behenate,

$C_{23}H_{46}O_2$  354.61 CAS RN®: 929-77-1.—White powder.

**Assay:** Inject an appropriate specimen into a gas chromatograph (see [Chromatography \(621\)](#)) equipped with a thermal conductivity detector, helium being used as the carrier gas. The following conditions have been found suitable: a 2.0-mm × 1.8-m glass column packed with 5% G3 phase on support S1A; the injection port temperature is maintained at 300°; the detector temperature is maintained at 300°; the initial temperature of the oven is 220°, which is held for 2 minutes, and then programmed to rise 3° per minute to attain a final temperature of 270°, which is held for 10 minutes. The area of the  $C_{23}H_{46}O_2$  peak is not less than 98% of the total peak area.

**MELTING RANGE (741):** between 54° and 56°.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
METHYL BEHENATE	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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