

Status: Currently Official on 14-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-059A6226-4EC4-4346-9BEF-BBA3C9C4E909_1_en-US
DOI: https://doi.org/10.31003/USPNF_R1999_01_01
DOI Ref: 4g0dg

© 2025 USPC
Do not distribute

Ethyl Salicylate,

$C_9H_{10}O_3$ 166.17 CAS RN[®]: 118-61-6.—Colorless liquid.

Assay: Inject an appropriate specimen into a suitable gas chromatograph (see [Chromatography \(621\)](#)) equipped with a flame-ionization detector, helium being used as the carrier gas. The following conditions have been found suitable: a 0.25-mm × 10-m capillary column coated with a 1- μ m layer of methylsilicone; the injection port temperature is maintained at 240°; the detector temperature is maintained at 300°; the column temperature is maintained at 150° and programmed to rise 10° per minute to 250°. The area of the ethyl salicylate peak is not less than 99% of the total peak area.

REFRACTIVE INDEX (831): between 1.5216 and 1.5236 at 20°.

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

Topic/Question	Contact	Expert Committee
ETHYL SALICYLATE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-059A6226-4EC4-4346-9BEF-BBA3C9C4E909_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R1999_01_01

DOI ref: [4g0dg](#)

