

Status: Currently Official on 14-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-DD4DDEB7-C312-4E99-A254-09187D068599_1_en-US
DOI: https://doi.org/10.31003/USPNF_R1713_01_01
DOI Ref: 3xp41

© 2025 USPC
Do not distribute

Bis(2-ethylhexyl) Maleate,

$C_{20}H_{36}O_4$ 340.50 CAS RN[®]: 142-16-5.—Colorless to pale yellow, clear liquid. Miscible with acetone and with alcohol. Specific gravity about 0.945.

Assay: Place about 2.5 g, accurately weighed, in a 250-mL flask, add 50.0 mL of 0.5 N alcoholic potassium hydroxide VS, and reflux for 45 minutes. Cool, add 0.5 mL of phenolphthalein TS, and titrate the excess alkali with 0.5 N hydrochloric acid VS. Perform a blank determination at the same time, using the same amount of 0.5 N alcoholic potassium hydroxide (see *Residual Titrations* under [Titrimetry \(541\)](#)). The difference, in mL, between the volumes of 0.5 N hydrochloric acid consumed in the test titration and blank titration, multiplied by 85.1, represents the quantity, in mg, of bis(2-ethylhexyl) maleate in the portion taken. Not less than 97% is found.

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

Topic/Question	Contact	Expert Committee
BIS(2-ETHYLHEXYL) MALEATE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-DD4DDEB7-C312-4E99-A254-09187D068599_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R1713_01_01

DOI ref: [3xp41](#)

OFFICIAL