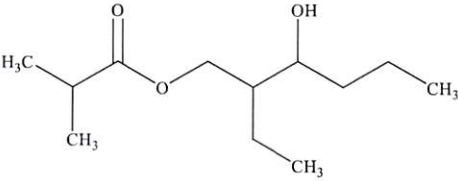


## Certificate of Analysis



Certificate No.: 20260609007

Date: June 9, 2026

Retest date: June 4, 2029

<b>Compound Name:</b>	<b>2-Ethyl-3-Hydroxyhexyl 2-Methylpropanoate (Mixture of Diastereomers)</b>	
<b>Synonyms:</b>	2-ethyl-3-hydroxyhexyl isobutyrate	
<b>TLC Catalogue Number:</b>	E-152011	
<b>CAS Number:</b>	74367-31-0	
<b>Alternate CAS Number:</b>	N/A	
<b>Molecular Weight:</b>	216.32	
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>24</sub> O <sub>3</sub>	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	7393-076A2	
<b>Storage Conditions:</b>	Store at 2-8 °C	
<b>Solubility:</b>	Methanol, DMSO, Ethanol, Acetonitrile	

Test Description	Specifications	Results
<b>Visual Description</b>	Colorless liquid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (GC)</b>	Not less than 95.0%	<b>97.3%</b>
<b>Impurity (GC)</b>	RT 6.67, 0.25%; RT 13.57, 2.22%; RT 14.63, 0.11%	
<b>Water Content (KF)</b>	N/A	<b>0.6%</b>
<b>Residual Solvents (NMR)</b>	No residual solvent	
<b>Assay (%)</b>	Not less than 90.0%	<b>96.7%</b>
<b>Recommendation:</b>	<b>Release.</b> The compound contains 2.2% isomeric impurity (RT 13.57) according to its GC and GC-MS.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

**Attachments:** Peak Attribution Table, Assay Calculation, GC, IR, MS and NMR spectra.