

Analysis Date: 20-12-2025

Re-test Date: 20-12-2028

TERBINAFINE IMPURITY 16

Identification

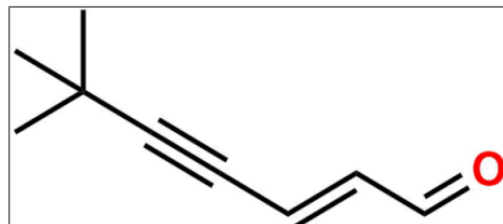
Chemical Name : (E)-6,6-dimethylhept-2-en-4-ynal

CAT No : ALL-TERB-18

CAS No : 138139-82-9

Molecular Formula : C₉H₁₂O

Molecular Weight : 136.2



Analytical Information

Batch No.	: ALL-TERB-18	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.65 %
Appearance of Product	: Clear Liquid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.167 %	¹ H NMR	: Confirm
Residue Of Ignition	: 0.183 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.167+0.183) × 98.00]/100 = 97.65 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office