



Specification

(+/-)-Jasmonic Acid

CAS Number: 6894-38-8
Molecular Formula: C₁₂H₁₈O₃
Molecular Weight: 210.3
Storage: 2°C - 8°C

Test	Specification
Appearance:	Clear, Colorless Liquid
Purity:	≥ 95.0 %
TLC Procedure:	Spots are visualized on TLC plates by spraying with 5% sulfuric acid in methanol and heating at 120 oC for 5 minutes.
TLC (silica-chloroform/ethyl-acetate: 9/1) Jasmonic Acid:	≥ 95 Single Spot %
TLC (silica-toluene/ethyl-acetate: 3/2) Jasmonic Acid:	≥ 95 Single Spot %
TLC (silica-toluene/ethyl-acetate/acetic acid: 50/30/4) Jasmonic Acid:	≥ 95 Single Spot %

Approved:

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