

4158 – JASMONIC ACID

REF NO: TBL/QA/SS/LC/4158	STANDARD SPECIFICATION FOR JASMONIC ACID	Rev. No: 03
Issue No: 04		Review Date: 26/10/2025
Issue Date: 27/10/2022		Product code: 4158

PRODUCT PROPERTIES

C.A.S Number	77026-92-7
Chemical Formula	$C_{12}H_{18}O_3$
Formula weight	210.27
Functional Uses	Jasmonic acid is involved in plant cell signaling responses to abiotic and biotic stress. JA is involved in the regulation of processes that include growth inhibition, senescence, flower development, leaf abscission and tendrill coiling.
Standard Packaging	250 mg & 100 mg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless to faint yellow liquid.
Turbidity	Clear

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Purity	NLT -97.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

