

## **CERTIFICATE OF ANALYSIS**

Product

JASMONIC ACID

Product number Batch number

J0936

Date of production

014921

Date of expiry

xx-03-2019 31-03-2024

Packaging and storage

in a well closed container at temperatures between 2 - 8 °C

Appearance	SPECIFICATION pale yellow to colourless liquid with characteristic odour	RESULT complies	UNITS	REMARKS
TLC (silica - toluene/ethyl-acetate/acetic acid : 50/30/4) - jasmonic acid TLC (silica - chloroform/ethyl-acetate : 9/1)	single spot	97	%	Rf 0.58
- jasmonic acid TLC (silica – toluene/ethylacetate: 3/2)	single spot	97	%	Rf 0.10
- jasmonic acid GC	single spot	97	%	Rf 0.15
- jasmonic acid - methyljasmonate HPLC	,	96.9 undetectable	% %	Rt 6.46 minutes Rt 5.28 minutes
-jasmonic acid		> 97	%	

Spots are visualized on TLC plates by spraying with 5% sulphuric acid in methanol and heating at 120 °C for 5 minutes.

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist

Department of Quality Control Duchefa B.V.

Date: 14-10-2019

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

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