

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs

5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146

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Certificate of Analysis

Emamectin B1b

Catalog Number:EM1002Lot Number:0606601CAS Number:121424-52-0Molecular Formula: $C_{48}H_{73}NO_{13}$ Molecular Weight:872.10Storage: $\leq -20^{\circ}C$ Retest Date:June 1, 2018

Test	Specification	Result
Appearance	White powder	Conforms
Assay (HPLC)	≥ 99.0%	> 99.0%
UV Absorbance Maxima*	238nm, 244nm, 254nm	Conforms
Solubility	Soluble in ethanol, methanol, DMF, DMSO Limited solubility in water	Conforms

Date: June 7, 2016

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

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