

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

1-Naphthaleneacetic Acid

Catalog Number: NA1005 Lot Number: 0417801 CAS Number: 86-87-3

Synonym(s): α-Naphthaleneacetic acid, 1-Naphthylacetic acid, NAA

 $\begin{array}{lll} \mbox{Molecular Formula:} & C_{12}\mbox{H}_{10}\mbox{O}_2 \\ \mbox{Molecular Weight:} & 186.21 \\ \mbox{Storage:} & 15^{\circ}\mbox{C} - 30^{\circ}\mbox{C} \\ \mbox{Date of Manufacture:} & \mbox{May 2, 2017} \\ \mbox{Retest Date:} & \mbox{April 3, 2022} \\ \end{array}$

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay (HPLC)	≥ 98.0%	98.62%
Melting Point	125°C – 135°C	130.2 – 131.3
Solubility (50mg/mL, 1N NaOH)	Clear to hazy, colorless to yellow solution	Conforms
Moisture (LOD)	≤ 2.0%	0.22%
Residue on Ignition	≤ 0.1%	0.05%
Naphthalene	≤ 1.0%	ND
Other Impurities	≤ 1.0%	ND

Date: April 17, 2018

Approved by:

John Grubb

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

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