



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
Molecular Formula: $C_{12}H_{10}O_2$
Molecular Weight: 186.21
Storage: 15°C – 30°C
Date of Manufacture: May 2, 2017
Retest Date: April 3, 2022

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay (HPLC)	$\geq 98.0\%$	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)	$\leq 2.0\%$	0.22%
Residue on Ignition	$\leq 0.1\%$	0.05%
Naphthalene	$\leq 1.0\%$	ND
Other Impurities	$\leq 1.0\%$	ND

Approved by:

Date: April 17, 2018

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com