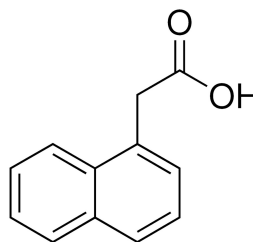


Certificate of Analysis

Product Name : 1-Naphthaleneacetic acid suitable for plant cell culture, BioReagent, ≥95%, crystalline
Product Number : N0640-VAR
Batch Number : 0000442666
Source Batch : 0000304586
CAS Number : 86-87-3
MDL Number : MFCD00004046
Molecular Formula : C₁₂H₁₀O₂
Formula Weight : 186.21 g/mol
Quality Release Date : 25 Jan 2024



Test	Specification	Result
Appearance (Color)	White to Light Yellow	Faint Yellow
Appearance (Form)	Powder	Powder
Water (by Karl Fischer)	≤ 2 %	0 %
Carbon (anhydrous)	73.5 - 81.3 %	77.5 %
Hydrogen (Anhydrous)	4.87 - 5.94 %	5.38 %
% Purity (GC)	≥ 95	99
Isomer	≤ 4 %	0 %
Beta Isomer by GC		
Plant Cell Culture Test	Pass	Pass

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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