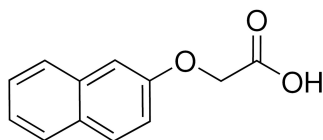


Certificate of Analysis

Product Name : 2-Naphthoxyacetic acid suitable for plant cell culture, BioReagent, crystalline
Product Number : N3019-25G
Batch Number : 0000370164
Source Batch : SLBZ2143
CAS Number : 120-23-0
MDL Number : MFCD00004066
Molecular Formula : C₁₂H₁₀O₃
Formula Weight : 202.21 g/mol
Quality Release Date : 12 OCT 2018



Test	Specification	Result
Appearance (Color)	White to Grey	Off White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Light Yellow to Light Brown	Faint Brown-Yellow
Solubility (Turbidity)	Clear to Hazy	Slightly Hazy
50 mg/mL in EtOH		
Proton NMR Spectrum	Conforms to Structure	Conforms
Purity Titration NaOH	≥ 98 %	99 %
Purity (TLC)	≥ 98 %	99 %
Plant Cell Culture Test	Pass	Pass



Brian Dulle, Supervisor

Quality Assurance

St. Louis, Missouri

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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