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Certificate of Analysis

Catalogue Number	10040
Lot Number	000127-1016858
Product	<i>p</i>-Nitrophenylacetic acid N-hydroxysuccinimide ester Succinimidyl- <i>p</i> -nitrophenylacetate
CAS Number	68123-33-1
Molecular Formula	C ₁₂ H ₁₀ N ₂ O ₆
Molecular Weight	278.22
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Appearance	Off-white powder
Appearance of Solution	Clear, yellowish solution (50 mg/mL in acetonitrile)
Melting Point	184 °C
Elemental Analysis (Found)	C=51.6%, H=3.6%, N=10.0%
TLC System	Benzene / dioxane / acetic acid : (95:25:4) Chloroform / methanol / acetic acid : (90:8:2) Chloroform / ethylacetate / acetic acid : (50:50:2) Plate : Silicagel 60 F ₂₅₄ Methanol 70% Plate : RP - 8 F ₂₅₄ ^{sss} _s detected by : UV, ninhydrin, chlorine-tolidine
Assay	99.3%, Elemental analysis based on Nitrogen content
Purity by HPLC	98.1%
Storage	Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager