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Certificate of Analysis

Catalog Number	06378
Product Name	Z-3-Abz-OSu Z-3-aminobenzoic acid N-hydroxysuccinimide ester
Lot Number	0552818
CAS Registry Number	129666-48-4
Molecular Formula	C ₁₉ H ₁₆ N ₂ O ₆
Molecular Weight	368.68
Appearance	Off-white powder
Solubility	Clear, colorless solution (50mg/ml in Acetone)
Melting Range	144 – 147 °C
CHN-Analysis	
Elemental Analysis (Found)	C 62.07 %, H 4.35 %, N 7.65 %
Elemental Analysis (Theory)	C 61.96 %, H 4.38 %, N 7.61 %
Assay (TLC)	Purity by TLC > 98 %
Chloroform/Methanol/Acetic acid 90/8/2 (v/v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
Benzene/Dioxane/Acetic acid 95/25/4 (v/v/v)	
Chloroform/Ethyl acetate/Acetic acid 90/10/2 (v/v/v)	
Plate: Silicagel 60 F₂₅₄	
Assay	100.1 % based on C-content
ESI-MS (m)	368.2 u (average mass)
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', with a long horizontal stroke extending to the right.

Sashi Kumar
Quality Control Manager