

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	05622
Product Name	Bz-Asp-Ome N-Benzoyl-L-aspartic acid methyl ester
Lot Number	0565019
CAS Registry Number	82933-21-9
Molecular Formula	C ₁₂ H ₁₃ NO ₅
Molecular Weight	251.2
Appearance	White fluffy powder
Solubility	Clear, colorless solution (50 mg/ml in MeOH)
Melting point	135 °C
Specific Optical Rotation	$\alpha_D^{24} = -23.9^\circ$ (1% in MeOH)
CHN-Analysis	
Elemental Analysis (Theory)	C 57.37% H 5.22% N 5.57%
Elemental Analysis (Found)	C 57.29% H 5.27% N 5.41%
Assay (Elemental Analysis)	99.9% Based on Carbon content
Assay (Elemental Analysis)	Theory C 57.37% Found C 57.29%
Identification (TLC)	Conforms with authentic material
Assay by TLC	> 99%
Chloroform/methanol/toluene/ H₂O 8/8/8/1	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Chloroform/methanol/acetic acid 90/8/2	
Chloroform/methanol/acetic acid 32% 5/3/1	
Plate: Silicagel 60 F₂₅₄	
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", written in a cursive style with a long horizontal stroke extending to the left.

Sashi Kumar
Quality Control Manager