

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	10621
Lot Number	1017348
Product	4-(4-Azidophenyl)butyric acid
CAS Number	103489-33-4
Molecular Formula	C ₁₀ H ₁₁ N ₃ O ₂
Molecular Weight	205.22

Appearance	Beige powder
Solubility	Clear, colorless solution (50mg/mL in ethylacetate)
Elemental Analysis (Theory)	C: 58.50%, H: 5.40%, N: 20.80%
TLC System	Chloroform/ethyl acetate/acetic acid 90/10/2 Chloroform/methanol/acetic acid 85/10/5 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Infrared Spectrum	Conforms to struc
Analysis by Mass Spectra	m = 205.2 u
Assay	99% (Nth 20.48%, Nfd 20.27%)
Purity by TLC	> 98%
Storage	Store at RT
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