

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	10591
Lot Number	000127-1017370
Product	3-(4-Azidophenyl)propionic acid
CAS Number	103489-31-2
Molecular Formula	C ₉ H ₉ N ₃ O ₂
Molecular Weight	191.19

Appearance	Slightly yellow powder
Appearance of Solution	Clear, yellowish solution (50 mg/mL in ethylacetate)
Elemental Analysis (Found)	C = 56.3%, H = 4.8%, N = 21.9%
Water Content (Karl Fisher)	0.1%
TLC System	Chloroform/Methanol/Acetic acid/Water (45:13:1:2) Chloroform/Methanol/Acetic acid/Water (90:10:0.5:1) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, Ninhydrin, chlorine-tolidine
Assay	99.8% (Nfd 21.94% by Elemental analysis)
Purity by TLC	> 99%
Storage	Store at 0 - 8 °C
Additional Information	Product is sensitive to light
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