

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 06269
Lot Number 000127-1049394
Product **L-Valine 4-nitrobenzyl ester hydrobromide**

L-Val-O(4-NO₂Bzl)•HBr

CAS Number 6015-79-8
Molecular Formula C₁₂H₁₆N₂O₄•HBr

Molecular Weight 333.19

Appearance White powder
Solubility Clear, colorless solution (50 mg/mL in MeOH)
Melting Point 154-158 °C
Anion Chloride: 23.7% (AgNO₃)
TLC System Chloroform/Methanol/Acetic Acid (90:8:2)
Chloroform/Ethyl acetate (9:1)
Optical Rotation [α]_D²⁴ = +0.96° (C=2 in MeOH)
Assay 100.8%
Purity by TLC > 99%
Storage Store at 0-8°C

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