

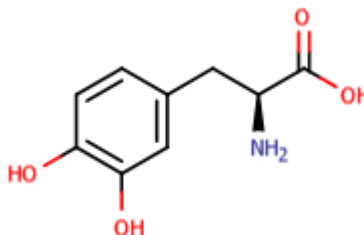
Certificate of Analysis

AK Scientific

L-3,4-Dihydrophenylalanine

Identity

CAS Number [59-92-7]
Catalog Number J90768
Lot Number LC37276PU9
Molecular Formula C₉H₁₁NO₄
Molecular Weight 197.19



Physical and Spectral Data

Analytical Test	Specification	Results
Appearance	White to off-white powder	Off-white powder
Mass Spectrum	Consistent with the structure	Consistent with the structure
NMR Spectrum	Consistent with the structure	Consistent with the structure
FT-IR Spectrum	Consistent with the structure	Consistent with the structure
Purity (HPLC)	≥95%	99.7%
Optical Rotation (c=1, 1N HCl)	-8° ~ -11°	-9.2°

Storage and Safety Information

Long-term Storage **Store in tight containers in a cool and dry place.**

Retest Date Three years from the Release date

Intended Use For laboratory research and manufacturing use only

Safety See Safety Data Sheet

QC/QA Product Release Scientist: Peiwen Zhou, Ph.D.

Release Date: 3/9/2023