



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number 04-2255  
Product **L-Phenylalanine hydrazide**

Lot Number 001902-615-1  
L-Phe-NHNH<sub>2</sub>

CAS Number 52386-52-4  
Molecular Formula C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O

Molecular Weight 179.22

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Appearance	White powder
Melting Point	91.5-92.0 °C
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = +54.0° (C=2 in MeOH)
Loss on Drying	1.1%
Assay by titration	98.2% (HClO4)
D-Enantiomer	0.2%
Purity by TLC	98%
Storage	Store at 0-8 °C