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Certificate of Analysis

Catalogue Number	06734
Product	Formyl-L-phenylalanine
Lot Number	000127-1070451
	For-L-Phe-OH
CAS Number	13200-85-6
Molecular Formula	C ₁₀ H ₁₁ NO ₃
Molecular Weight	193.22
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Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in methanol)
Melting Point	168 °C
Elemental Analysis (Found)	C : 62.48% ; H : 5.61% ; N : 7.38%
TLC System	Chloroform/methanol/acetic acid(98-100%)/water : 45/13/1/2 Chloroform/methanol/acetic acid/water : 70/42/0.5/10 Ethylacetate/pyridine/acetic acid/water : 60/20/6/11 Plate : Silicagel 60 F ₂₅₄ Detected by : Ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 72.5 ° (C=1 in ethanol)
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