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Certificate of Analysis

Catalog Number	07030
Product Name	H-Phe(4-COOH)-OH
Lot Number	522257
CAS Registry Number	126109-42-0
Molecular Formula	C ₁₀ H ₁₁ NO ₄
Molecular Weight	209.46
Appearance	White powder
Solubility	Clear, colorless solution [15 mg/ml in THF/5.5N HCl/Water (1/1/1)]
Identification (TLC)	Purity > 98%
n-Butanol/Acetic acid/H₂O 4/2/2 (v/v/v)	Detected by: UV, ninhydrin, chlorine-tolidine
Isopropanol/ammonia conc. 1/1 (v/v)	
Methanol/Chloroform/Ammonia 17% 2/2/1 (v/v/v)	
Plate Silicagel 60 F₂₅₄	
Assay	96.5%
Water Content	0.8%
ESI-MS	m = 209.2 mu
Storage	Store at RT.
Comments	Product is not easily dissoluble
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style.

Sashi Kumar
Quality Control Manager