

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05283
Lot Number	000127-0119662
Product	4-(Hydroxymethyl)-3-methoxyphenoxyacetic acid HMPA
CAS Number	83590-77-6
Molecular Formula	C ₁₀ H ₁₂ O ₅
Molecular Weight	212.21

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Methanol)
Melting Point	102 °C
Elemental Analysis (Theory)	C = 56.60%; H = 5.70%; N = 0%
Elemental Analysis (Found)	C = 56.79%; H = 5.71%; N = 0.48%
TLC System	Ethylacetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Chloroform/Methanol/Acetic acid/H ₂ O (85:13:0.5:1.5) Chloroform/Methanol/Acetic Acid 32% (5:3:1) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	> 95%
Storage	Store at 0-8 °C

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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