## **Chem-Impex International, Inc.**

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number	00540
Lot Number	001788-20111225
Product	<b>4-Methylumbelliferyl phosphate</b> 4-MUP 4-Methyl-2-oxo-2 <i>H</i> -chromen-7-yl dihydrogen phosphate
CAS Number	3368-04-5
Molecular Formula	$C_{10}H_9O_6P$
Molecular Weight	256.2
Appearance	White crystalline powder
<sup>1</sup> H NMR	Conforms to sturcture
Assay by titration	99.2%
Purity by HPLC	99.4%
Storage	Store at $\leq$ - 4 °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

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Bala Kumar Quality Control Manager