



Glycosynth Limited
14 Craven Court
Winwick Quay
Warrington
WA2 8QU

Tel: + 44 (0) 1925 575075
E-Mail: info@glycosynth.co.uk
Web Site: www.glycosynth.co.uk

CERTIFICATE OF ANALYSIS

Product Name bis-(4-Methylumbelliferyl) phosphate
Product Code 44099
Batch No W/SAMPLE
CAS Number 51379-07-8
Molecular Formula $C_{20}H_{15}O_8P$
Molecular Weight 414.3
Product Storage To prevent deterioration, the product should be stored in tightly closed containers in a freezer or cold room at -20 degrees centigrade.

| Test | Specification | Result |
|-----------------|--|--|
| Appearance | Slightly off-white to pale cream powder | Slightly off-white powder |
| TLC | Single spot | Single spot |
| Purity | Free 4-methylumbelliferone <100ppm | <100ppm |
| Solution Test | 0.5% solution in water/methanol 1:1 w/w is clear, and colourless to faintly yellow | 0.5% solution in water/methanol 1:1 w/w is clear, and colourless to faintly yellow |
| Expiration date | | 01 January 2007 |

Date of Issue 01 January 2001 **Version** 1

Chemist Mrs Ellen Atkinson MChem.

Approval

A handwritten signature in black ink, appearing to read "E Atkinson", is written over a faint, large, diagonal watermark that says "SAMPLE".

Document No. 44099/W/SAMPLE