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-CERTIFICATE OF ANALYSIS-

Product: 4-Methylumbelliferyl-beta-D-xylopyranoside

Code Number: BIM1103

CAS Number: 6734-33-4

Formula: C₁₅H₁₆O₇

Batch Number: AS500865

Appearance: White to off-white powder

Water content: 0.3% (KF)

Purity by HPLC: 99.7%

Purity Free 4-Methylumbelliferone:
<100mg/kg

Optical Rotation: -29.2 deg (c = 0.3 in
pyridine, 20 °C)

Identity: IR, H-NMR & C-NMR
conform to structure

Verified by: David Parton

Signed: --Digital document, no signature required--