



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Product: 4-Methylumbelliferyl-beta-D-xylopyranoside

Code No: M1103

CAS No: 6734-33-4

Formula:  $C_{15}H_{16}O_7$

Batch No: 457589

Appearance: White powder

HPLC: 99.7% by area.

Purity: Free 4MU <100pmm

Solution Test: 1% in DMF is colourless

Water content (KF): 0.1%

Optical rotation  $[\alpha]_D$ : -28.9 (c= 0.3 in pyridine, 20°C)

Free 4-Methylumbelliferone: 78mg/kg (HPLC)

Prepared by:  
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VP