



**Megazyme International Ireland,**  
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## Certificate of Analysis

**Product:** 4-Methylumbelliferyl- $\beta$ -laminaritetraoside  
**Cat. No:** O-4MULAM4  
**Lot. No:** 1505AL3-164  
**Expiry Date:** Dec, 2021

Test	Specification	Result
$^1\text{H-NMR}$ , HPLC	This product meets the specification as stated on the corresponding product data sheet	Corresponds

This lot meets our specification.

**Signature:**

**Date:** 15/05/2015

David Mangan  
Research Manager

*(as this certificate is a computer printout, it has not been signed or dated by hand)*