



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

**Product:** 4-Nitrophenyl- $\beta$ -laminaritetraoside  
**Cat. No:** O-PNPLAM4  
**Lot. No:** 1505AL3-152  
**Expiry Date:** Dec, 2021

Test	Specification	Result
<sup>1</sup> H-NMR, HPLC	This product meets the specification as stated on the corresponding product data sheet	Corresponds

This lot meets our specification.

**Signature:**

*David Mangan*

**Date:** 15/05/2015

David Mangan  
Research Manager

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