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CERTIFICATE OF ANALYSIS

Product Name p-Nitrophenyl beta-D-xylopyranoside
Product Code 38111
Batch No W/3299
CAS Number 2001-96-9
Molecular Formula C₁₁H₁₃NO₇
Molecular Weight 271.2
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 | Off-white to pale cream powder | Pale cream powder |
| HPLC | >99% | 99.3% |
| Purity | Free p-Nitrophenol <200ppm | <200ppm |
| Solution Test | 50mg in 1ml methanol is clear and faintly yellow | 50mg in 1ml methanol is clear and faintly yellow |
| Expiration date | | 13 March 2027 |

Date of Issue 27 October 2025 **Version** 1

Chemist Dr Hayley Turner MChem. MRSC

Approval

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