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CERTIFICATE OF ANALYSIS

Product Name CHE beta-D-galactopyranoside

Product Code 75045

Batch No W/SAMPLE

CAS Number 182805-65-8

Molecular Formula $C_{19}H_{22}O_9$ Molecular Weight 394.37

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 | White to off-white powder | White powder |
| Purity | >97% by HPLC | 97.5% |
| Water content | <10% | 1.5% |
| Solution Test | 0.5 mg in 1ml DMF is clear and colourless to pale yellow | 0.5 mg in 1ml DMF is clear and colourless to pale yellow |
| Expiration date | | 01 January 2007 |

Date of Issue 01 January 2001 Version

Chemist Mrs Ellen Atkinson MChem.

Approval

Document No. 75045/W/SAMPLE