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CERTIFICATE OF ANALYSIS

Product Name 4-Methylumbelliferyl beta-D-glucuronide
Product Code 44064
Batch No W/SAMPLE
CAS Number 6160-80-1
Molecular Formula C₁₆H₁₆O₉
Molecular Weight 352.3
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 crystalline powder	White crystalline powder
HPLC	>99%	99.5%
Water content	<15%	12%
Free 4-Methylumbelliferone	<25 ppm (by TLC)	<25ppm
Specific Optical Rotation	[alpha]D -100° to -120°	-120°
Specific Optical Rotation Method	c = 0.1 in water, 20°C	c = 0.1 in water, 20°C
Expiration date		01 January 2007

Date of Issue 01 January 2001 **Version** 1

Chemist Mrs Ellen Atkinson MChem.

Approval

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