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PRODUCT SPECIFICATION

4-Methylumbelliferyl β -D-glucuronide (MUG)

Product Code	44064
Appearance	White crystalline powder
HPLC	>99%
Water Content	<15%
Free 4-Methylumbelliferone	<25 ppm (by TLC)
Specific Optical Rotation	$[\alpha]_D$ -100 to -120°
Specific Optical Rotation Method	c = 0.1 in water, 20°C

Date 30th April 2025

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