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CERTIFICATE OF ANALYSIS

Product Name 4-Methylumbelliferyl N-acetyl beta-D-glucosaminide-6-sulfate sodium salt
Product Code 44009
Batch No W/SAMPLE
CAS Number 142439-99-4
Molecular Formula $C_{18}H_{20}NNaO_{11}S$
Molecular Weight 481.4
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	Free 4-methylumbelliferone <100ppm	<100ppm
HPLC (Other)	Free 4-methylumbelliferyl N-acetyl-β-D-glucosamine, product code 44007 (Non-sulfated Product) <0.1%	Non-sulphated product <0.1%
Expiration date		01 January 2007

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

Chemist Mrs Ellen Atkinson MChem.

Approval

A handwritten signature in black ink, appearing to read "E. Atkinson", is written over a large, light grey "SAMPLE" watermark.

Document No. 44009/W/SAMPLE