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CERTIFICATE OF ANALYSIS

Product Name L-Pyroglutamic acid 7-amido-4-methylcoumarin

Product Code 33158

Batch No W/SAMPLE

CAS Number 66642-36-2

Molecular Formula $C_{15}H_{14}N_2O_4$

Molecular Weight 286.3

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	Colourless to off-white crystals	Off-white crystals
Purity	>98% (by HPLC)	98.5%
Free AMC content	<100ppm	<100ppm
Water content	<4% (by Karl Fischer)	1.0%
Expiration date		01 January 2007

Date of Issue 01 January 2001

Version 1

Chemist Mrs Ellen Atkinson MChem.

Approval

Document No. 33158/W/SAMPLE