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## CERTIFICATE OF ANALYSIS

**Product Name** 4-Methylumbelliferyl propionate  
**Product Code** 44101  
**Batch No** W/SAMPLE  
**CAS Number** 3361-13-5  
**Molecular Formula** C<sub>13</sub>H<sub>12</sub>O<sub>4</sub>  
**Molecular Weight** 232.23  
**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
HPLC	>97%	97.5%
TLC	Single spot	Single spot
Purity	Free 4-Methylumbelliferone <500ppm	<500ppm
Expiration date		01 January 2007

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

**Chemist** Mrs Ellen Atkinson MChem.

**Approval**

**Document No.** 44101/W/SAMPLE