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## CERTIFICATE OF ANALYSIS

**Product Name** Phenyl beta-D-galactopyranoside  
**Product Code** 25045  
**Batch No** W/SAMPLE  
**CAS Number** 2818-58-8  
**Molecular Formula** C<sub>12</sub>H<sub>16</sub>O<sub>6</sub>  
**Molecular Weight** 256.3  
**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 crystals	Colourless crystals
Specific Optical Rotation	[alpha]D -40 to -44°	-42°
Specific Optical Rotation Method	c = 2.3 in water, 20°C	c = 2.3 in water, 20°C
Expiration date		01 January 2007

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

**Chemist** Mrs Ellen Atkinson MChem.

**Approval**

**Document No.** 25045/W/SAMPLE