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CERTIFICATE OF ANALYSIS

Product Name 1-Hydroxyanthraquinone beta-D-galactopyranoside

Product Code 21045

Batch No W/SAMPLE

CAS Number None

Molecular Formula $C_{20}H_{18}O_{8}$ Molecular Weight 386.35

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	Yellow Powder	Yellow Powder
Purity (by TLC)	>95%	>95%
Solution Test	A 1% Solution in DMSO is clear and yellow in colour.	1% solution in DMSO is clear and yellow in colour.
Free 1-Hydroxyanthraquinone	Result: <1% or 10,000ppm	Free 1-Hydroxyanthraquinone <1%
Expiration date		01 January 2007

Date of Issue 01 January 2001 Version 1

Chemist Dr Hayley Turner MChem. MRSC

Approval

Document No. 21045/W/SAMPLE