

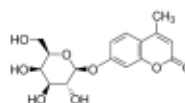
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Product Specification

Product Name:
4-Methylumbelliferyl β -D-galactopyranoside - $\geq 99\%$ (TLC)

Product Number: **M1633**
CAS Number: 6160-78-7
MDL: MFCD00036773
Formula: C₁₆H₁₈O₈
Formula Weight: 338.31 g/mol
Storage Temperature: -20 °C



| TEST | Specification |
|------------------------------|---------------------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless to Faint Yellow |
| Corrected for pyridine color | |
| Solubility (Turbidity) | Clear |
| 10 mg/ml, Pyridine | |
| Infrared spectrum | Conforms to Structure |
| Carbon | 55.6 - 58.0 % |
| Purity (TLC) | $\geq 99\%$ |
| Impurity (by TLC) | $\leq 0.01\%$ |
| Free 4-Methylumbelliferone | |
| Recommended Retest Period | ----- |
| 6 years | |

Specification: PRD.0.ZQ5.10000054940

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.