

Aladdin 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 Aladdin-e.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.

Specification Sheet

Product Name: **p-Nitrophenyl- β -D-Galactopyranoside**
Specifications & Purity: 99%
SKU #: **N100371**

| Parameter | Limit Values |
|--|---|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$ | -87--80 (°) |
| Free P-Nitrophenol | 0-0.1 (%) |
| Water by Karl Fischer | 0-11 (%) |
| Purity(HPLC) | 99-100 (%) |
| Melting point | 179-183 (°C) |
| Appearance (N100371) | White to Yellow to Green Powder, Crystals or Chunks |
| beta-Galactosidase detection test | to pass test |
| Infrared spectrum | Conforms to Structure |
| Solubility in H ₂ O , Colorless to Faint Green , Clear, 10mg/ml | pass |

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