

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Methyl  $\alpha$ -D-galactopyranoside**  
Specifications & Purity: **> 98.0%**  
SKU #: **M120874**

| Parameter   | Limit Values                            |
|---|---|
| Melting point   | 106-110 (°C)                            |
| Water by Karl Fischer   | 0-10 (%)                                |
| Appearance (M120874)  | White to Almost white powder to crystal |
| Clear colorless solution(50mg/ml,water)                         | pass                                    |
| Proton NMR spectrum   | Conforms to structure                   |
| Purity(HPLC)  | 98-100 (%)                              |
| Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$ | 173-183 (°)                             |