

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Lactosum , anhydrous**  
Specifications & Purity: Analytical Reagent,98%  
SKU # **L103492**

| Parameter   | Limit Values                          |
|---|---------------------------------------|
| Purity(HPLC)  | 98-100 (%)                            |
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd.on anh.substance})$ | 54.4-59.9 ( $^{\circ}$ )              |
| Water by Karl Fischer   | 0-1 (%)                               |
| Appearance (L103492)  | White to Off-White Powder or Crystals |
| Proton NMR spectrum   | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O  | Almost transparency                   |