

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Sodium ascorbate**  
Specifications & Purity: for cell culture ,  $\geq 99.0\%$   
SKU # **S105026**

| Parameter  | Limit Values              |
|--|---------------------------|
| Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$       | 103-108 (°)               |
| Purity(Iodometric Titration)   | 99-103 (%)                |
| Purity(HPLC)   | 98-100 (%)                |
| Sodium(Na)   | 10.8-12.8 (%)             |
| Appearance (S105026)   | White to Off-White Powder |
| Cell Culture Test  | pass                      |
| Solubility,Colorless to faint yellow,clear(50 mg/mL, H <sub>2</sub> O) | pass                      |
| Proton NMR spectrum  | Conforms to Structure     |