

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Streptomycin sulfate**
Specifications & Purity: analytical standard
SKU #: **S105492**

| Parameter | Limit Values |
|--|--|
| Loss on drying | 0-5 (%) |
| Purity(Neutralization titration)(calcd.on anh.substance) | 95-105 (%) |
| Nitrogen by Elemental Analysis | 12.5-13.6 (%) |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd.on anh.substance})$ | -88--79 (°) |
| Carbon by Elemental Analysis | 32.6-34.7 (%) |
| Appearance (s105492) | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum | Conforms to Structure |