

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-27 11:33:24
Date of Next Testing: 2026-10-26 11:33:24
Product Name: **Isoproterenol Sulfate Dihydrate**
CAS Number: 299-95-6
Specifications & Purity: 98%
Lot #: J2225407
SKU #: **I157589**
Analysis: 141486

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(with total nitrogen) (calcd.on dried substance) | 98-100 (%) | 99.20% |
| Loss on drying | 6.5-7.5 (%) | 7.38% |
| Purity(HPLC) | 98-100 (%) | 98.62500% |
| Appearance (I157589) | white or almost white powder or crystals | white or almost white powder or crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager