

## Certificate of Analysis

Date of Testing: 2022-03-31 09:48:49

Date of Next Testing: 2024-03-30 09:48:49

Product Name: **Amikacin disulfate**

CAS Number: 39831-55-5

Specifications & Purity:  $\geq 97\%$

Lot #: C2222196

SKU #: **A129422**

**Analysis:** **077207**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                                                    | Limit Values              | Result                    |
|----------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| PH(1% in Water)                                                                              | 2-4                       | 3.72                      |
| Loss on drying                                                                               | 0-13 (%)                  | 6.20 %                    |
| Purity(HPLC)                                                                                 | 97-100 (%)                | 97.01500 %                |
| Appearance (A129422)                                                                         | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                                                          | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O | pass                      | Pass                      |



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