

Certificate of Analysis

Date of Testing: 2021-06-22 14:11:17
Date of Next Testing: 2025-06-21 14:11:17
Product Name: **Streptomycin sulfate**
CAS Number: 3810-74-0
Specifications & Purity: 720 I.U./mg
Lot #: F2116368
SKU #: **S105491**
Analysis: **019081**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|------------------------------|---------------------------|---------------------------|
| Loss on drying | 0-7 (%) | 4.40 % |
| suitability for microbiology | 0-3 (%) | 1.50 % |
| Sulfate Ash | 0-1 (%) | 1.00 % |
| PH | 4.5-7 | 5.50 |
| Methanol(GC) | 0-0.3 (%) | 0.09 % |
| Sulfate (anhydrous) | 18-21.5 (%) | 20.80 % |
| potency (dry basis) | ≥720 (IU/mg OR I.U./mg) | 764.00 IU/mg OR I.U./mg |
| Appearance (S105491) | White or off-white powder | White or off-white powder |
| Appearance (solution) | passes test | transparent |
| Abnormal toxicity | Conforms | Conforms |
| Colorimetric test | Conforms | Conforms |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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