

## Certificate of Analysis

Date of Testing: 2024-12-17 10:14:35

Date of Next Testing: 2028-12-16 10:14:35

Product Name: **Amphotericin B**

CAS Number: 1397-89-3

Specifications & Purity:  $\geq 80\%$ , 750  $\mu\text{g}/\text{mg}$

Lot #: C2112407

SKU #: **A105482**

Version: **0**

Analysis #: **450479**

Storage Temperature: Store at 2-8°C

| Parameter                             | Limit Values                           | Result                            |
|---------------------------------------|----------------------------------------|-----------------------------------|
| Water by Karl Fischer                 | 0-6 (%)                                | 3.59 %                            |
| potency (dry basis)                   | $\geq 750$ ( $\mu\text{g}/\text{mg}$ ) | 755.10 $\mu\text{g}/\text{mg}$    |
| Ignition Residue                      | 0-0.5 (%)                              | 0.27 %                            |
| Purity(HPLC)                          | 80-100 (%)                             | 81.13600 %                        |
| Appearance (A105482)                  | Yellow to Orange Powder                | Yellow to Orange Powder           |
| Identification                        | pass                                   | Pass                              |
| Mass spectrum                         | Conforms to standard                   | Conforms to standard              |
| Solubility in DMF/1 M HCl 3 / 1(Heat) | Clear to Slightly Hazy,50.00mg/ml      | Clear to Slightly Hazy,50.00mg/ml |
| UV spectrometry                       | Conforms to structure                  | Conforms to Structure             |



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