

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-14 09:47:18

Date of Next Testing: 2028-10-13 09:47:18

Product Name: **Sulfobetaine 8**

CAS Number: 15178-76-4

Specifications & Purity:  $\geq 98\%$

Lot #: J2408249

SKU #: **S110923**

Version: **0**

Analysis #: **323608**

Storage Temperature: Room temperature

| Parameter                                                                    | Limit Values                     | Result                           |
|------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Purity(HPLC)                                                                 | 98-100 (%)                       | 99.77200 %                       |
| Water by Karl Fischer                                                        | 0-5 (%)                          | 0.19820 %                        |
| Melting point                                                                | 212-215 (°C)                     | 213.54000 °C                     |
| Electric Conductivity                                                        | 0-20 ( $\mu\text{S}/\text{cm}$ ) | 10.50000 $\mu\text{S}/\text{cm}$ |
| Appearance (S110923)                                                         | white powder or solid            | white powder or solid            |
| Infrared spectrum                                                            | Conforms to Structure            | Conforms to Structure            |
| Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> O | pass                             | Pass                             |



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