

## Certificate of Analysis

Date of Testing: 2025-05-30 10:20:16

Date of Next Testing: 2029-05-29 10:20:16

Product Name: 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfate (CHAPS)

CAS Number: 75621-03-3

Specifications & Purity: Ultra pure

Lot #: E2529310

SKU #: C274335

Version: 1

Analysis #: 514468

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                 | Limit Values             | Result                   |
|---------------------------|--------------------------|--------------------------|
| Purity(HPLC)              | 98-100 (%)               | 99.68500 %               |
| PH(10% in water 25°C)     | 5-7                      | 6.42                     |
| Residue on Ignition       | <0.1 (%)                 | 0.00000 %                |
| Conductivity (10%, Water) | < 50 (µmhos/cm)          | 4.39000 µmhos/cm         |
| Appearance(C274335)       | White crystalline powder | white crystalline powder |
| Proton NMR spectrum       | Conforms to structure    | Conforms to Structure    |
| Solubility(20%, Water)    | Pass                     | Pass                     |
| proteases                 | none detected            | none detected            |
| DNases                    | none detected            | none detected            |
| RNases                    | none detected            | none detected            |



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