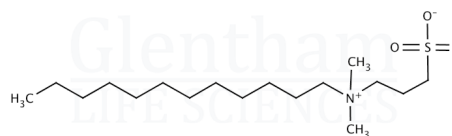


## Certificate of Analysis

|               |                                                     |
|---------------|-----------------------------------------------------|
| Product Name  | N-Dodecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate |
| Glentham Code | GD1033                                              |
| CAS Number    | 14933-08-5                                          |
| EINECS        | 239-002-3                                           |
| Numéro MDL    | MFCD00036909                                        |
| PubChem SID   | 310272389                                           |
| Batch Number  | 783KXB                                              |

|                   |                     |
|-------------------|---------------------|
| Molecular Weight  | 335.55              |
| Molecular Formula | $C_{17}H_{37}NO_3S$ |
| Storage Temp.     | +20°C               |



| Property                  | Specification              | Batch 783KXB               |
|---------------------------|----------------------------|----------------------------|
| Physical Description      | White powder               | White powder               |
| Solubility (10% in water) | Clear, colourless solution | Clear, colourless solution |
| Loss on Drying            | ≤ 2.0%                     | 0.5%                       |
| Conductivity              | ≤ 50μS/cm (0.1M in water)  | 33 μS/cm                   |
| Ash                       | ≤ 0.1%                     | Conforms                   |
| Assay                     | ≥ 98.0%                    | 98.1%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2019-06-17 |
| Re-Test Date          | 2027-06-17 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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