



## CERTIFICATE OF ANALYSIS

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|--------------|---|
| Product      | Sulfobetaine 10                                   |
| Grade        | Biotech   |
| Product Code | SJ548   |
| Formula      | C <sub>15</sub> H <sub>33</sub> NO <sub>3</sub> S |
| MW           | 307.48  |
| CAS#         | 15163-36-7  |
| Lot No       |   |

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| Test Items  | Specifications            | Results |
|---|---------------------------|---------|
| Appearance  | White to off-white powder |         |
| Purity (by HPLC)  | ≥98%                      |         |
| pH (1% Solution)  | 5-8                       |         |
| Solubility in water                                       | ≥30%                      |         |
| Conductance (10% solution)                                | <70 μS                    |         |
| Absorbance of a 1% solution                               |                           |         |
| 340 nm  | < 0.02                    |         |
| 280 nm  | < 0.04                    |         |
| 260 nm  | < 0.06                    |         |
| 225 nm  | < 0.1                     |         |
| Percent Fluorescence<br>(0.1% solution in water at 345nm) | <10%                      |         |

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Storage: -20°C