

# Specification

Technical Data Sheet

|                               |                                            |                                          |
|-------------------------------|--------------------------------------------|------------------------------------------|
| <b>CAS</b><br><b>475-31-0</b> | <b>STORAGE</b><br><b>2 to 8 &amp;deg;C</b> | <b>MOLECULAR WEIGHT</b><br><b>465.62</b> |
|-------------------------------|--------------------------------------------|------------------------------------------|

**PRODUCT****Glycocholic acid hydrate**

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| <b>Product number</b>    | 90034305                                        |
| <b>CAS number</b>        | 475-31-0                                        |
| <b>Molecular formula</b> | C <sub>26</sub> H <sub>43</sub> NO <sub>6</sub> |
| <b>Molecular weight</b>  | 465.62 g/mol                                    |

| PARAMETER                    | SPECIFICATION                   |
|------------------------------|---------------------------------|
| <b>Appearance</b>            | Almost white to off white Solid |
| <b>Purity</b>                | 98% min                         |
| <b>Identification</b>        | Conforms to reference           |
| <b>Water</b>                 | 7% max                          |
| <b>Cholic Acid</b>           | 0.5% max                        |
| <b>Ethanol</b>               | 0.5% max                        |
| <b>Ethyl acetate</b>         | 0.5 max                         |
| <b>Glycodeoxycholic acid</b> | 0.2% max                        |
| <b>Methanol</b>              | 0.3% max                        |
| <b>Total Impurities</b>      | 1% max                          |
| <b>Deoxycholic acid</b>      | 0.1% max                        |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFICATION STATEMENT</b> | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| <b>STORAGE</b>                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

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