

# Specification

Technical Data Sheet

|                              |                                  |                                          |
|------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>67-03-8</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>337.27</b> |
|------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Thiamine hydrochloride**

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| <b>Product number</b>    | 90023038                                                  |
| <b>CAS number</b>        | 67-03-8                                                   |
| <b>Molecular formula</b> | C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl |
| <b>Molecular weight</b>  | 337.27 g/mol                                              |

| PARAMETER             | SPECIFICATION             |
|-----------------------|---------------------------|
| <b>Appearance</b>     | White to off-white powder |
| <b>Assay</b>          | 98.5-101.5%               |
| <b>Loss on Drying</b> | ≤5.0%                     |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                    |

Molekula Ltd would like to thank you for your support of our products and service.

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