

## Certificate of Analysis

Date of Testing: 2025-03-21 13:33:54

Date of Next Testing: 2029-03-20 13:33:54

Product Name: **Thiamine hydrochloride**

CAS Number: 67-03-8

Specifications & Purity:  $\geq 99\%$

Lot #: C2517528

SKU #: **T283819**

Version: **1**

Analysis #: **486686**

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

| Parameter                                  | Limit Values          | Result                 |
|--------------------------------------------|-----------------------|------------------------|
| Water by Karl Fischer                      | 0-5 (%)               | 3.25 %                 |
| Purity(HPLC)                               | 99-100 (%)            | 99.90500 %             |
| Carbon by Elemental Analysis(anhydrous)    | 42.1-43.4 (%)         | 42.37 %                |
| Nitrogen by Elemental Analysis (anhydrous) | 16.1-17.1 (%)         | 16.54 %                |
| Appearance (T283819)                       | white powder or chunk | white powder or chunks |
| Proton NMR spectrum                        | Conforms to structure | Conforms to Structure  |



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