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## CERTIFICATE OF ANALYSIS

**Cat No.: BIO-394**

Product: **THIAMINE HYDROCHLORIDE**  
(Vitamin B1)

CAS Number: [67-03-8]

Lot Number: AS103699

Chemical Formula:  $C_{12}H_{17}N_4OS \cdot Cl \cdot ClH$

Molecular Weight: 337.30

Melting Point: 249°C

Water content: May contain up to 5% water

Storage: Cool dry place

Assay: 100.8% as monohydrate (titration ex chloride)

