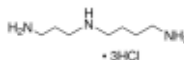


## Certificate of Analysis

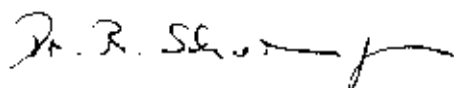
Product Name:

Spermidine trihydrochloride -  $\geq 98\%$  (TLC)

**Product Number:** S2501  
**Batch Number:** BCCN3812  
**Brand:** SIGMA  
**CAS Number:** 334-50-9  
**Formula:**  $C_7H_{19}N_3 \cdot 3HCl$   
**Formula Weight:** 254,63 g/mol  
**Quality Release Date:** 03 JUL 2025  
**Recommended Retest Date:** JUN 2030



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Titration with AgNO <sub>3</sub>	$\geq 98\%$	99 %
Purity (TLC)	$\geq 98\%$	99 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
400mg plus 4ml of Water		
Carbon Content	32.4 - 33.7 %	33.2 %
Nitrogen Content	16.2 - 16.8 %	16.5 %
Infrared Spectrum	Conforms to Structure	Conforms



Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

