



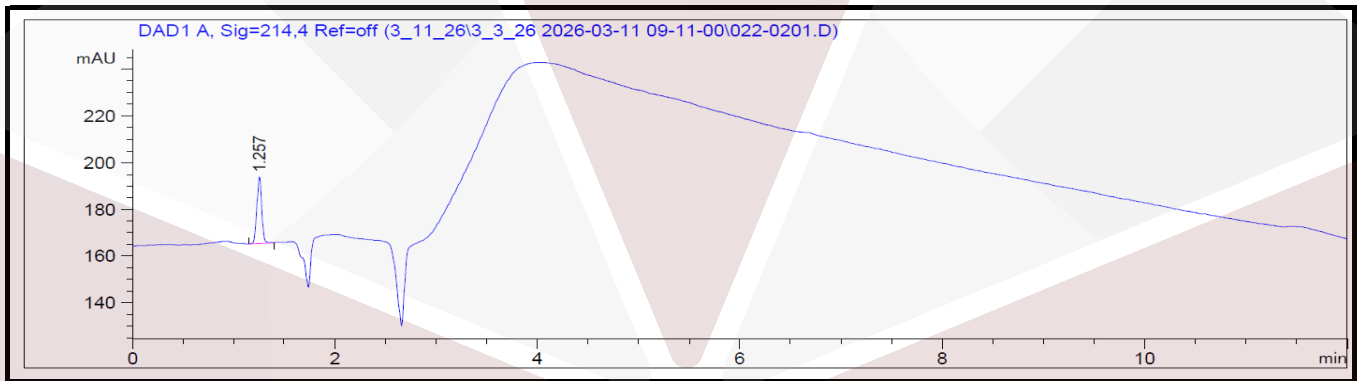
Vanguard Laboratory  
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Olympia, Wa 98502  
360-967-7010

# Certificate of Analysis

Spermidine 3HCl Bulk Powder

Report To:  
**Umbrella Labs**

Compound: Spermidine 3HCl  
Matrix: Bulk Powder  
Laboratory ID: V260225-18 001  
Lot Number: ULN-53153  
Date Reported: 3/24/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Identity	HPLC-UV/VIS	Matches Standard

Report By: Dustin Newman, Laboratory Director on 3/24/2026

Approved By: Tori Johnson, Operations Manager on 3/24/2026



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.