

Aladdin 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 Aladdin-e.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.

## Specification Sheet

Product Name: **Nopaline**  
Specifications & Purity: **96%**  
SKU #: **N349318**

### Parameter

Appearance(N349318)  
Purity(HPLC area)  
NMR Spectrum 1H  
LC-MS for identification  
Specific rotation  $[\alpha]_{20}^D(c=0.2 \text{ in H}_2\text{O})$

### Limit Values

White to Off-White Solid  
96-100 (%)  
Conforms to Structure  
Conforms  
17-17.5 (°)

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Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

Tax ID: 91310000685518645K