

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-24 11:27:13  
Date of Next Testing: 2028-11-23 11:27:13  
Product Name: **Piperine**  
CAS Number: 7780-20-3  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: K2519200  
SKU #: **P304614**  
Version: **1**  
Analysis #: **612948**  
Storage Temperature: Store at 2-8°C

| Parameter           | Limit Values  | Result  |
|---------------------|---|---|
| Purity(HPLC)        | 98-100 (%)  | 98.91400 %  |
| Melting point       | 128-133 (°C)  | 131.36800 °C  |
| NMR Spectrum 1H     | Conforms to Structure   | Conforms to Structure   |
| Appearance(P304614) | White to Pale cream to Light yellow to Light orange powder to crystal | White to Pale cream to Light yellow to Light orange powder to crystal |



John Su  
QA & QC Manager