

## Certificate of Analysis

Date of Testing: 2023-04-26 17:49:22  
Date of Next Testing: 2027-04-25 17:49:22  
Product Name: **Verapamil Hydrochloride**  
CAS Number: 152-11-4  
Specifications & Purity: 99%  
Lot #: D23231221  
SKU #: **V111249**  
**Analysis: 161850**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Melting point	140-147 (°C)	145.72000 °C
Purity(Titration by AgNO <sub>3</sub> )	98.5-101.5 (%)	101.49 %
Appearance (V111249)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager