

## Certificate of Analysis

Date of Testing: 2022-07-19 11:56:51  
Date of Next Testing: 2026-07-18 11:56:51  
Product Name: **Verapamil Hydrochloride**  
CAS Number: 152-11-4  
Specifications & Purity: 99%  
Lot #: G2216582  
SKU #: **V111249**  
**Analysis: 098268**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Melting point	140-147 (°C)	144.19000 °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