

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-18 11:40:45
 Date of Next Testing: 2029-03-17 11:40:45
 Product Name: **Vinorelbine ditartrate salt hydrate**
 CAS Number: 125317-39-7
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: C2513815
 SKU #: **V120497**
 Version: **0**
 Analysis #: **476224**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.65100 %
Nitrogen by Elemental Analysis (anhydrous)	4.9-5.4 (%)	5.00600 %
Carbon by Elemental Analysis(anhydrous)	57.5-60.5 (%)	57.51000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (V120497)	off-white powder	off-white powder



John Su
QA & QC Manager