

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 12:26:03  
Date of Next Testing: 2027-04-23 12:26:03  
Product Name: **Vitamin K-d<sub>7</sub> (5,6,7,8-d<sub>4</sub>, 2-methyl-d<sub>3</sub>)**  
CAS Number: 1233937-39-7  
Specifications & Purity: 99 atom% D, 97% (CP Sum of E & Z Isomers)  
Lot #: D2422376  
SKU #: **V474173**  
**Analysis: 344237**  
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	99-100 (%)	99.10 %
Purity(HPLC)(Sum of E & Z Isomers)	97-100 (%)	99.00000 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager