

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-01 18:25:02  
 Date of Next Testing: 2028-07-31 18:25:02  
 Product Name: ( $\pm$ )4-HDoHE  
 CAS Number: 90906-40-4  
 Specifications & Purity:  $\geq 95\%$ ,  $\sim 100\mu\text{g/mL}$  in ethanol  
 Lot #: G2529303  
 SKU #: H351337  
 Version: 2  
 Analysis #: 480225  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                | Limit Values                | Result                     |
|--------------------------|-----------------------------|----------------------------|
| Purity(HPLC area)        | 95-100 (%)                  | 95.10000 %                 |
| Concentration            | 90-110 ( $\mu\text{g/ml}$ ) | 100.00000 $\mu\text{g/ml}$ |
| NMR Spectrum 1H          | Conforms to Structure       | Conforms to Structure      |
| LC-MS for identification | Conforms                    | Conforms                   |
| Solvent(Ethanol)         | Conform                     | Conform                    |



John Su  
QA & QC Manager