

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-11 14:36:35  
Date of Next Testing: 2027-07-10 14:36:35  
Product Name: **(S)-(+)-Epichlorohydrin**  
CAS Number: 67843-74-7  
Specifications & Purity: 98%  
Lot #: F2327335  
SKU #: **E100521**  
Version: **0**  
Analysis #: **239253**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.181-1.184	1.18
Refractive index n <sub>20</sub> /D	1.437-1.439	1.44
Purity(GC)	98-100 (%)	98.92%
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	33-37 (°)	33.27°
Appearance (E100521)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager