

## Certificate of Analysis

Date of Testing: 2022-07-08 17:33:09  
Date of Next Testing: 2026-07-07 17:33:09  
Product Name: **Ethyl (R)-(-)-2-hydroxy-4-phenylbutyrate**  
CAS Number: 90315-82-5  
Specifications & Purity: 98%  
Lot #: G2206148  
SKU #: **E119769**  
Analysis: **091470**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.503-1.505	1.50
Density (20°C)	1.074-1.078	1.08
Purity(GC)	98-100 (%)	99.41 %
Specific Rotation [α] <sub>20</sub> /D(c=Neat)	-11--8 (°)	-10.60°
Appearance (E119769)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager