

## Certificate of Analysis

Date of Testing: 2023-03-10 11:51:38  
Date of Next Testing: 2025-03-09 11:51:38  
Product Name: **cholesteryl butyrate**  
CAS Number: 521-13-1  
Specifications & Purity:  $\geq 95.0\%$ (GC)  
Lot #: E2124213  
SKU #: **C135950**  
Analysis: **197030**

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	97.65%
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in THF})}$	-32--28 ( $^{\circ}$ )	-28.57 $^{\circ}$
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in THF , very faint turbidity	pass	Pass



John Su  
QA & QC Manager