

## Certificate of Analysis

Date of Testing: 2023-01-13 11:58:36  
Date of Next Testing: 2027-01-12 11:58:36  
Product Name: **Bisoprolol hemifumarate salt**  
CAS Number: 104344-23-2  
Specifications & Purity:  $\geq 98\%$  (HPLC)  
Lot #: A2310511  
SKU #: **B124795**  
Analysis: **179035**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.63200 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.50 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager