

## Certificate of Analysis

Date of Testing: 2022-03-23 08:10:39  
Date of Next Testing: 2024-03-22 08:10:39  
Product Name: **Hyaluronic acid**  
CAS Number: 9004-61-9  
Specifications & Purity: From Cockscomb  
Lot #: C2219574  
SKU #: **H131007**  
**Analysis:** **075172**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	3.5-3.9 (%)	3.70 %
Molecular weight(calcd.on dried substance)	5000-150000	90000.00
Loss on drying	0-12 (%)	4.60 %
Specific Rotation [a] <sub>20</sub> /D(c=0.1 in H <sub>2</sub> O)(calcd.on dried substan	-73- -60 (°)	-71.70°



John Su  
QA & QC Manager