

## Certificate of Analysis

Date of Testing: 2023-09-18 10:06:41  
Date of Next Testing: 2027-09-17 10:06:41  
Product Name: **Ultra-live hyaluronic acid**  
CAS Number: 9067-32-7  
Specifications & Purity: molecular weight <5KDa  
Lot #: I2311503  
SKU #: **U293516**  
**Analysis:** **270101**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
PH (0.10g/100ml water)	5-7	6.30000
Transmittance (0.5% in water)	≥99 (%)	99.80000 %
Loss on drying	≤10 (%)	6.70 %
Molecular Weight	<5000 (Da)	3093.00 Da
Heavy metals	0-10 (ppm)	3.20 ppm
Sodium hyaluronate	≥95 (%)	97.60000 %
Appearance (U293516)	white to light-yellow powder	white to light-yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager