

## Certificate of Analysis

Date of Testing: 2024-03-19 11:11:58  
Date of Next Testing: 2026-03-09 11:11:58  
Product Name: **Bergenin**  
CAS Number: 477-90-7  
Specifications & Purity: analytical standard , >98%  
Lot #: F2221449  
SKU #: **B111464**  
**Analysis:** **332639**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.33100 %
Water by Karl Fischer	0-8 (%)	5.55 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in MeOH)	-40--37 (°)	-39.78 °
Melting point	237-240 (°C)	239.40000 °C
Appearance (B111464)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager