

## Certificate of Analysis

Date of Testing: 2024-01-03 14:29:23  
Date of Next Testing: 2027-01-02 14:29:23  
Product Name: **Cephadrine**  
CAS Number: 38821-53-3  
Specifications & Purity: 97%  
Lot #: E1803090  
SKU #: **C103344**  
**Analysis:** **310437**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-7 (%)	2.64 %
Purity(HPLC)	97-100 (%)	98.63220 %
Specific Rotation [a] <sub>D</sub> 20/D(c=0.5 in H <sub>2</sub> O)(calcd.on anh.substance	85.8-89.8 (°)	86.98°
Appearance (C103344)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager