

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-28 11:44:28  
Date of Next Testing: 2027-12-27 11:44:28  
Product Name: **Pioglitazone Hydrochloride**  
CAS Number: 112529-15-4  
Specifications & Purity: 98%  
Lot #: L2318246  
SKU #: **P121082**  
**Analysis:** **298171**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.93500 %
Purity(with Total Nitrogen)	98-100 (%)	99.47 %
Melting point	189-195 (°C)	194.10000 °C
Appearance (P121082)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager