

Certificate of Analysis

Date of Testing: 2022-05-23 13:53:31

Date of Next Testing: 2026-05-22 13:53:31

Product Name: **Palmatine hydrochloride**

CAS Number: 171869-95-7

Specifications & Purity: 97%

Lot #: E2220136

SKU #: **P110207**

Analysis: **091539**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	2.13 %
Purity(HPLC)	97-100 (%)	98.38600 %
Nitrogen by Elemental Analysis	3.4-3.8 (%)	3.60 %
Carbon by Elemental Analysis(anhydrous)	62.8-67.3 (%)	65.50 %
Appearance (P110207)	yellow powder or crystals	yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager