

Certificate of Analysis

Date of Testing: 2025-05-16 14:46:38
Date of Next Testing: 2029-05-15 14:46:38
Product Name: **Palmatine hydrochloride**
CAS Number: 171869-95-7
Specifications & Purity: $\geq 97\%$
Lot #: G2131353
SKU #: **P110207**
Version: **0**
Analysis #: **510329**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.02 %
Purity(HPLC)	97-100 (%)	98.40000 %
Nitrogen by Elemental Analysis	3.4-3.8 (%)	3.40 %
Carbon by Elemental Analysis(anhydrous)	62.8-67.3 (%)	62.80 %
Appearance (P110207)	yellow powder or crystals	yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager