

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-16 15:18:31  
Date of Next Testing: 2027-06-15 15:18:31  
Product Name: **Pancuronium dibromide**  
CAS Number: 15500-66-0  
Specifications & Purity: 95%  
Lot #: F23101205  
SKU #: **P591008**  
**Analysis: 242613**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	4.20 %
Purity(HPLC area)	95-100 (%)	98.59 %
Specific Rotation $[\alpha]_{20/D}(c=30\text{mg/ml in H}_2\text{O})$	38-42 (°)	38.20°
Appearance(P591008)	White to Off-White to Faint Yellow Powder or Crystals	White to Off-White to Faint Yellow Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear, 100 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager