

## Certificate of Analysis

Date of Testing: 2023-12-22 14:11:40  
Date of Next Testing: 2025-12-21 14:11:40  
Product Name: **Vecuronium Bromide**  
CAS Number: 50700-72-6  
Specifications & Purity:  $\geq 99\%$   
Lot #: C2201180  
SKU #: **V129458**  
**Analysis:** **307925**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Water by Karl Fischer	0-3 (%)	1.03 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 0.05\text{mol/L HCl})$	31-34 ( $^{\circ}$ )	32.04 $^{\circ}$
Purity(titration with $\text{AgNO}_3$ )(dry basis)	98.5-102.5 (%)	100.35 %
Appearance (V129458)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager