

## Certificate of Analysis

Date of Testing: 2022-10-13 09:10:44  
Date of Next Testing: 2024-10-12 09:10:44  
Product Name: **Calcium Ionophore A23187**  
CAS Number: 52665-69-7  
Specifications & Purity:  $\geq 97\%$   
Lot #: J2210319  
SKU #: **C137844**  
**Analysis:** **143197**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7-8.5 (%)	8.07 %
Carbon by Elemental Analysis	64.1-66.9 (%)	66.53 %
Purity(HPLC)	97-100 (%)	99.00000 %
Melting point	186-192 ( $^{\circ}\text{C}$ )	190.10000 $^{\circ}\text{C}$
Appearance (C137844)	White to Beige to pale Brown Powder, Crystal, Chunks	White to Beige to pale Brown Powder, Crystal, Chunks
Solubility in $\text{CH}_2\text{CL}_2$ , Colorless , Clear , 10mg/ml	pass	Pass



John Su  
QA & QC Manager