

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-04 15:14:58  
Date of Next Testing: 2025-09-03 15:14:58  
Product Name: **Calcium Ionophore A23187**  
CAS Number: 52665-69-7  
Specifications & Purity:  $\geq 97\%$   
Lot #: H2330183  
SKU #: **C137844**  
Version: **0**  
Analysis #: **265417**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7-8.5 (%)	7.75 %
Carbon by Elemental Analysis	64.1-66.9 (%)	66.51 %
Purity(HPLC)	97-100 (%)	98.95000 %
Melting point	186-192 ( $^{\circ}\text{C}$ )	190.00000 $^{\circ}\text{C}$
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