

## Certificate of Analysis

Date of Testing: 2024-04-09 10:20:37  
Date of Next Testing: 2026-04-09 10:20:37  
Product Name: **Calcium Ionophore A23187**  
CAS Number: 52665-69-7  
Specifications & Purity:  $\geq 97\%$   
Lot #: K1816151  
SKU #: **C137844**  
**Analysis:** **341278**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7-8.5 (%)	8.16 %
Carbon by Elemental Analysis	64.1-66.9 (%)	66.52 %
Purity(HPLC)	97-100 (%)	98.93400 %
Melting point	186-192 ( $^{\circ}\text{C}$ )	190.53000 $^{\circ}\text{C}$
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



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QA & QC Manager