

Certificate of Analysis

Date of Testing: 2022-07-25 09:56:41
Date of Next Testing: 2024-07-24 09:56:41
Product Name: **Calcium Ionophore A23187**
CAS Number: 52665-69-7
Specifications & Purity: $\geq 97\%$
Lot #: G2220482
SKU #: **C137844**
Analysis: 101359
Storage Temperature: Protected from light, Store at -20°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 (%)	98.90000 %
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 CH_2CL_2 , Colorless , Clear, 10mg/ml	pass	Pass



John Su
QA & QC Manager