

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

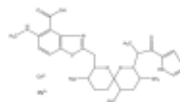
Product Specification

Product Name:

Calcium Ionophore A23187 mixed calcium magnesium salt – Approximate 1:1 molar ratio Ca:Mg. Actual content given on label.

Product Number:

C5149



Formula:

C₂₉H₃₇N₃O₆

Formula Weight:

523,62 g/mol

Storage Temperature:

2 - 8 °C

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	Faint Yellow to Yellow
Solubility (Solvent)	CHCl ₃ /MeOH 1/1
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Faint Yellow to Yellow
Water (by Karl Fischer)	
Elemental Anal. (%C anhydrous)	63.78 - 64.78 %
Elemental Anal. (%N anhydrous)	7.25 - 8.25 %
Purity (TLC)	≥ 98.0 %
Element Detection (Method)	ICP or Atomic Absorption
Element Detection (% Ca)	
Element Detection (% Mg)	
Storage Conditions	Dessicated and Protected from Light
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000021248

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

