

# CERTIFICATE OF ANALYSIS

Product Description BACITRACIN ZINC  
Product Number B132  
Lot Number 13L0132002  
Storage Temperature 2-8°C  
Molecular Weight 1486.07  
Formula  $C_{66}H_{101}N_{17}O_{16}SZn$   
CAS Number 1405-89-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 1 mg/mL	Passes
Physical Appearance Color*	2152-40 to 2154-40 or 2152-50 to 2154-50	2152-50 Cream
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear to Hazy Light Tan to Amber	Hazy Light Tan
Average Time to Dissolve	For Information Only (Within 5 mins)	Passes
Insolubles	None to fine	Passes-Fine
FTIR	Conforms to Structure	Passes
Potency	Minimum 65 IU/mg	75.2 IU/mg
Bacitracin A	For Information Only	76.3%
Sum of Bacitracin A, B1, B2, and B3	For Information Only	90.1%
Zinc Content	For Information Only	5.5%

\*Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Product Release Date: 21-November-2022

Recommended Shelf Life Date: May-2025



David Hart  
Technical Director