

Art no: 05-0103

CERTIFICATE OF ANALYSIS

Lot no: 181706



Intertek

Product name:	Calmodulin
Production date:	2012-04
Date of release:	2012-05-15, Retested 2021-08*
Form:	Lyophilized
Source:	Bovine testicles

Analysis	Specification	Result
Appearance	White powder or flocculate by visual inspection resulting in a clear solution.	Fulfills requirement
Solubility*	Dissolves in deionized water within 1 hour (1mg/ml).	Fulfills requirement
Assay (%)	At least 80% by amino acid analysis	87,5%, fulfills requirement
UV Scan	Abs 0.2%, 240-300 nm, comparable to reference sample.	A ₂₇₇ 0.2% =0,446 Fulfills requirement UV Scan Fulfills requirement, see appendix 2.
Electrophoresis*	One major band at 15-19kDa in SDS-electrophoresis, comparable to reference sample.	Fulfills requirement, see appendix 1.
Bacterial burden	Less than 10 ² CFU per 1 g of solid substance.	<19 CFU/g, fulfills requirement

Appendixes: 1. SDS-PAGE 2. UV scan

The above material has met all quality specifications and has been reviewed by a quality representative.

Quality Assurance, Charlotte Ardanius

2021-08-31

Date