# BIOVIRIDIAN

Excellence in HPLC-MS Analysis

## CERTIFICATE OF ANALYSIS

Web Verification Code: **COA13230**

SAMPLE RECEIVED
**October 21, 2026**

COA ISSUED
**November 6, 2026**

### SAMPLE INFORMATION

Vendor
**MAROGEN BIO**

Sample Name
**Pinealon 10mg**

Sample Type
**Nasal spray**

Lot Number
**PINENS10-1015**

Molecular Weight
**418.4 g/mol**

### ANALYTICAL METHODS

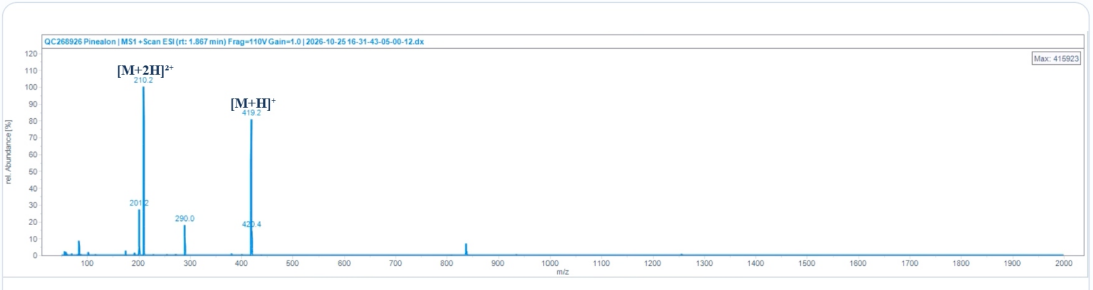
**Identity:** Confirmed via LC–MS/MS
**Purity:** RP-HPLC (214 nm)
**Content:** HPLC quantitation

### TEST RESULTS

| Specification | Result | Method | Status |
|---|---|---|---|
| Identity: Pinealon | Pinealon | LC-MS/MS | ✓ Conforms |
| Content | 10.41 mg | HPLC Quantitation | ✓ Conforms |
| Overall Purity | 99.73% | RP-HPLC (214 nm) | ✓ Conforms |
| Endotoxin | <0.05 EU/ml | <USP85> | ✓ Conforms |
| Heavy Metals | <0.01 ppm | <USP232> | ✓ Conforms |
| Sterility | Not Detected | <USP71> | ✓ Conforms |

**HPLC Chromatogram · Retention Time** 1.969 **min**




**Certification:** This Certificate of Analysis confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.

Verify authenticity at **bioviridians.com/coa-search.html** using the Web Verification Code above.

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