

## Certificate of Analysis

### Pinealon 20mg

Cat. No: PIN20-024  
CAS No: N/A  
PubChem CID: 10273502  
Chemical Name: Pinealon 20mg  
MG: 20mg

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>26</sub>N<sub>6</sub>O<sub>8</sub>

Molecular Weight: 418.4g/mol

Storage: Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month  
In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week

Chemical Structure: H-Glu-Asp-Arg-OH

### ANALYTICAL DATA

| Test Items     | Specifications                              | Results  |
|----------------|---------------------------------------------|----------|
| Appearance:    | White to off-white lyophilized solid powder | Conforms |
| Purity (HPLC): | >98.7%                                      | 98.9%    |
| TFA Content:   | <0.50%                                      | Conforms |

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.