

## Certificate of Analysis

**Product Name:** Teriparatide  
**Cat. No.:** HY-P0059  
**CAS No.:** 52232-67-4  
**Batch No.:** 21427  
**Chemical Name:** L-Phenylalanine, L-seryl-L-valyl-L-seryl-L- $\alpha$ -glutamyl-L-isoleucyl-L-glutamyl-L-leucyl-L-methionyl-L-histidyl-L-asparaginy-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L-seryl-L-methionyl-L- $\alpha$ -glutamyl-L-arginyl-L-valyl-L- $\alpha$ -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutamyl-L- $\alpha$ -aspartyl-L-valyl-L-histidyl-L-asparaginy-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>181</sub>H<sub>291</sub>N<sub>55</sub>O<sub>51</sub>S<sub>2</sub>  
**Molecular Weight:** 4117.72  
**Storage:**

Powder	-80°C	2 years
	-20°C	1 year
In solvent	-80°C	6 months
	-20°C	1 month

**Chemical Structure:**

## Teriparatide

### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**HPLC:** Consistent with structure  
**Purity (HPLC):** 99.92%  
**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.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA