

Peptide Content Report

Sample Name:Retatrutide 60 mg

Sample ID: SYNX 28
Date Processed(MM/DD/YYYY):05/31/2026
Instrument: Thermo Fisher Flash Smart Elemental Analyzer

Result of detecting

Times	N/%
Avg.	5.19

Calculation Method:

The net peptide content/%=N/%*MW(peptide)/(n*MW(nitrogen))

N/%:Nitrogen content determined by elemental analysis;
MW(peptide): Theoretical Molecular Weight;
n: The number of nitrogen element;
MW (nitrogen): atomic weight(nitrogen);

Result of analyzing

Times	N/%	The net peptide content/ %
Avg.	5.19	(5.19*4731.33)/(46*14)=38.13
Avg.	The net peptide content/ %=38.13	

Gross Weight:155mg
Net Weight:155*38.13=59.1mg

The Qualitative Detection of Endotoxin

Sample Name :RT60

Sample ID :
Date Processed(MM/DD/YYYY) :05/15/2026
(Sample ID final concentration 1 mg/ml)

LAL sensitivity: 0.7 EU/ml
Sample Endotoxin level:

1. The endotoxin level in sample was detected using Horseshoe Crab Reagent, the phenomenon is listed as followed:

Table 1:

Inspection tube	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Detection solution	Parallel	
		1	2
Sample	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml Sample solution	-	-
Sample positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml 2 λSample positive solution	+	+
Positive control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml positive solution	+	+
Negative control	0.1ml LAL+0.1ml LAL Reagent Water+0.1ml LAL Reagent Water	-	-

Note: The test result is positive which expressed by "+", and negative is expressed by "-".

2. Result:

The endotoxin level in sample is: <0.7EU/mg