

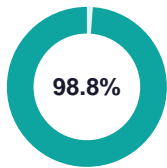
Document Ref: BP-COA-2026-0230

Issue Date: April 5, 2026

Product Information

Product Name:	DSIP (Delta Sleep Inducing Peptide)		
Biopharma SKU:	BP-PEP-DSIP-15	Quantity:	15mg
CAS No.:	62568-57-4	Mfg. Date:	December 2025
Lot No.:	BP-2501-230	Retest Date:	December 2026
Mol. Weight:	848.82 Da	Mol. Formula:	C35H48N10O15
Storage:	Store at -20°C in a sealed container, protected from light and moisture.		
Peptide Sequence:	Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu		

Analytical Test Results



■ Purity (HPLC) 98.8%
■ Impurity 1.2%

Test	Specification	Result
Qualitative ID	Lambda Max matches reference	Matches — Pass
Percent Purity	NLT 98% (HPLC)	98.8% — Pass
Quantitative Assay	NLT 95% label claim	15.05mg — Pass
Heavy Metals	NMT 150 ppb/vial	<20 ppb — Pass
TAMC (Microbial)	NMT 100 CFU/ml	0 — Pass
TYMC (Yeast/Mold)	NMT 100 CFU/ml	0 — Pass

Quality Assurance and Regulatory Information

Compliance: Manufactured under GMP conditions. Conforming to ISO 9001:2015 standards.
Safety: Non-explosive, non-corrosive, non-radioactive, non-flammable, non-toxic.
Usage: For in vitro laboratory research purposes only. Not for diagnostic or therapeutic use.
SDS: Refer to the Safety Data Sheet (SDS) for handling and disposal instructions.

Chain of Custody

Independent analytical testing performed by **Analytical Formulations, Inc.**
on behalf of **Biopharma Sciences LLC.**
Manufacturer: YPB Labs | Original Lab Report Ref: YPB.230 — AFI Report, December 2025
Original unaltered laboratory certificate of analysis is attached as page 2 of this document.

Approval



Authorized Signatory

Role: Quality Assurance Director
Date: April 5, 2026
Company: Biopharma Sciences LLC



- Summary Report -

Test Product: **DSIP 15mg**

Manufacturer: YPB Labs

Client: PureMD Labs

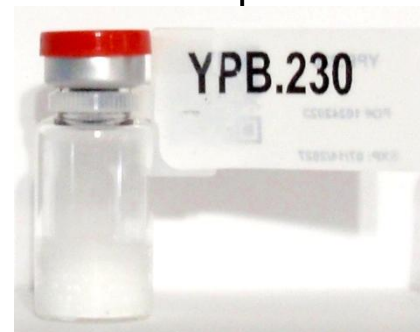
Batch/Lot #: (see flag tag)

Description: Vial with White Powder - Sealed with plastic Security Cap - Flag Tag attached at neck with Manufacture/Product Sku Number - PO and Expiration on Flag Tag.

COMPONENT	TEST	SPECIFICATION	RESULT
DSIP	Qualitative ID Lambda Max	TS λ_{max} is a match compared to its characteristic reference standard.*	Matches ∴ Pass
	Percent Purity Correlation Coefficient	NLT 98%* $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.4% ∴ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial)* % = $(A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	15.44mg ∴ Pass
	Heavy Metals Total Quantity	NMT 150ppb/vial Heavy Metals (including Pb, Cd, Hg, Ni, Fe & Co)	<20ppb ∴ Pass
	TAMC (Total Aerobic Microbial Counts)	NMT 1,000 CFU Aerobic/Coliform incubated 48hrs @ 37°C**	0 ∴ Pass
	TYMC (Total Yeast and Mold Counts)	NMT 100 CFU/ml Yeast & Molds incubated for 48hrs @ 30°C**	0 ∴ Pass

* Tested on a Jenway 6715 UV/Vis Spectrophotometer.

** Based on Substances For Pharmaceutical Use compendial SOP.



Performing Analyst Initial & Date:  14 January 2026

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