

CERTIFICATE OF ANALYSIS

Molequa® lot reference: MQ-DSIP-202606

INDEPENDENT THIRD-PARTY ANALYSIS BY Freedom Diagnostics Testing

1. Product identification

Product name	DSIP
Sequence	Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu
Physical form	Lyophilised white powder
Storage	2–8 °C, chráni pred svetlom
Intended use	In vitro research use only (RUO). NOT for human or veterinary use.

2. Supply chain

Client	Molequa® / I.B Products s.r.o., Slovakia
Distributor	Molequa® · molequa.com
Manufacturer	Confidential (released under supply-chain NDA)
Independent testing lab	Freedom Diagnostics Testing

3. Analytical results from Freedom Diagnostics Testing

Methods used: Identity confirmation (LC-MS), purity (HPLC-UV) and endotoxin testing (LAL)

Test	Result
Identity (LC-MS)	DSIP — confirmed
Purity (HPLC-UV) — Vial 1	99.76%
Purity (HPLC-UV) — Vial 2	99.78%
Purity (HPLC-UV) — Vial 3	99.77%
Net Content — Vial 1	4.83 mg
Net Content — Vial 2	4.76 mg
Net Content — Vial 3	4.63 mg
Net Content (average)	4.70 mg
Endotoxin (LAL) — Replicate 1	Pass
Endotoxin (LAL) — Replicate 2	Pass
Appearance	White lyophilised powder

4. Verification & chain of custody

This analysis was performed by **Freedom Diagnostics Testing** on 21 APR 2026 (lab ref. Accession #14202022).

Original test reference: Lot 300416260D1

This reference links to the original raw analytical record held by Freedom Diagnostics Testing. Customers may request access to the underlying chromatogram and raw lab report by emailing info@molequa.com.

5. Conformance & regulatory status

This product is classified as a **Research Use Only (RUO)** compound under EU Regulation 2017/745 (Medical Devices Regulation, recital 51) and Slovak Act No. 362/2011 Coll. on medicinal products. It is not a medicinal product, food, dietary supplement, cosmetic or medical device, and is not approved for any in vivo administration to humans or animals.