

Certificate of Analysis

Independent third-party analysis. This is a specimen document for demonstration only.

PRODUCT

Tirzepatide

BATCH NO.

OP-TIRZ-2406

PRESENTATION

Lyophilised powder, 10 mg / vial

CAS / REF

2023788-19-2

MANUFACTURE DATE

12 May 2026

ANALYSIS DATE

16 May 2026

STORAGE

2-8 °C, protected from light

RETEST DATE

May 2028

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Appearance	Visual	White to off-white powder	Conforms	Pass
Identity	Mass Spec (ESI-MS)	Consistent with structure	Confirmed	Pass
Purity	RP-HPLC (UV 214 nm)	≥ 99.0 %	99.4 %	Pass
Related substances	RP-HPLC	≤ 1.0 %	0.6 %	Pass
Water content	Karl Fischer	≤ 8.0 %	4.1 %	Pass
Acetate content	HPLC	≤ 15.0 %	7.8 %	Pass
Bacterial endotoxins	LAL	≤ 10 EU/mg	< 5 EU/mg	Pass
Net peptide content	HPLC	Report	82.3 %	Pass

Conclusion: The batch conforms to the release specification and is approved for dispatch.

Authorised by — QC Release

Laboratory — Independent, ISO-accredited