

# CERTIFICATE OF ANALYSIS

(COA)

## Analizaodczynnikiw Laboratorium

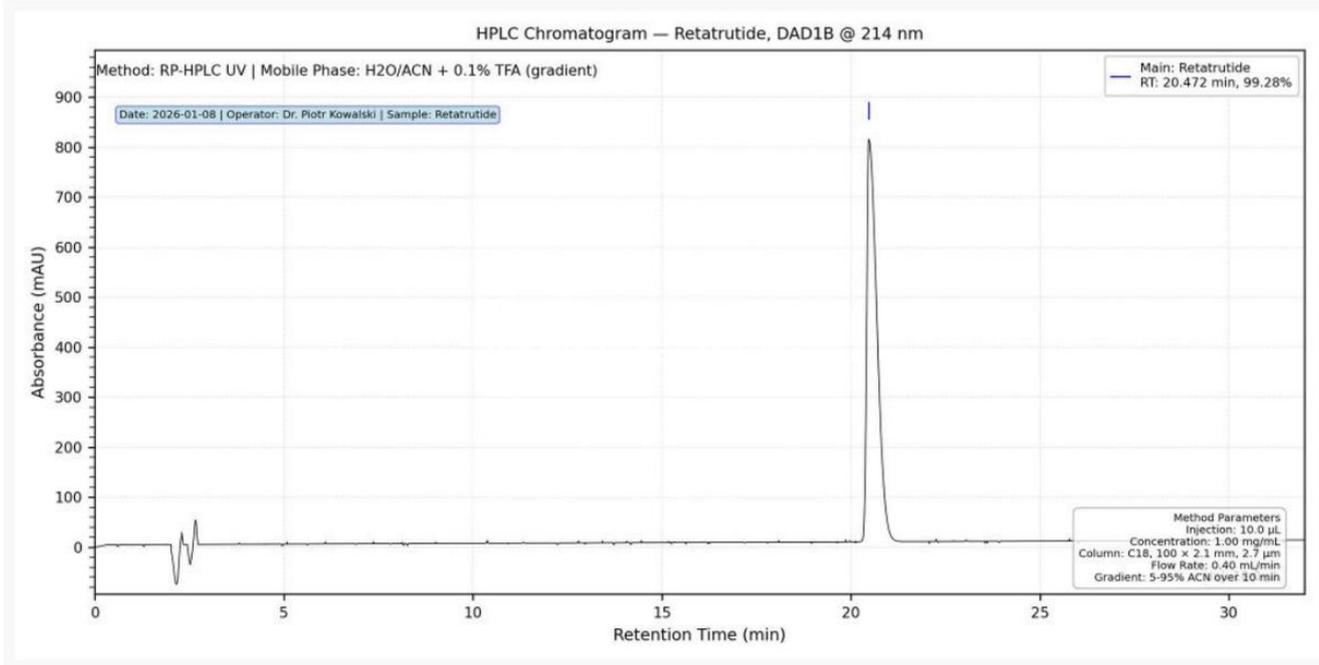
Park Naukowo - Techniczny w Opolu, ul. Technologiczna 2, 45-839 Opole, Poland  
Website: analizaodczynnikiw.pl

### PRODUCT DATA

Product	Retatrutide	Batch	RET-B2401
CAS	2381089-83-2	Formula	C223H343F3N46O70
Appearance	White to off-white powder	Mol. Wt.	4845.44 g/mol
Quantity	5mg	Purity	99.28%
Content	5.15 mg	Analysis Method	Column: C18, 100 × 2.1 mm, 2.7 μm   Flow: 0.40 mL/min   Gradient: 5-95% ACN over 10 min   Injection: 10.0 μL
Analysis Conducted	2026-01-05	Principal Chemist	Dr. Piotr Kowalski
Produced	2026-01-05		

### HPLC CHROMATOGRAM

Signal: UV 214 nm  
Method: Column: C18, 100 × 2.1 mm, 2.7 μm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 10 min | Injection: 10.0 μL  
Mobile Phase: H2O/ACN + 0.1% TFA



### PEAK ANALYSIS TABLE

Retention Time [min]	Type	Peak Width [min]	Peak Area	Peak Height	Peak Area %	Name
20.421	Impurity	0.200	0.120	0.3	0.05	Des-Y
20.437	Impurity	0.200	0.170	0.4	0.07	Des-SS
20.472	Main	0.129	250.0	910.3	99.28	Retatrutide
20.501	Impurity	0.200	0.300	0.7	0.12	Des-PSS
20.581	Impurity	0.200	0.320	0.8	0.13	Des-S
20.661	Impurity	0.200	0.410	1.0	0.16	Des-YQG
20.741	Impurity	0.200	0.500	1.2	0.20	Des-YQ
	Sum		251.8	-	100.00	-

*Anna Nowak*

Mgr. Anna Nowak

QA Approver

Date: 2026-01-05

END OF REPORT