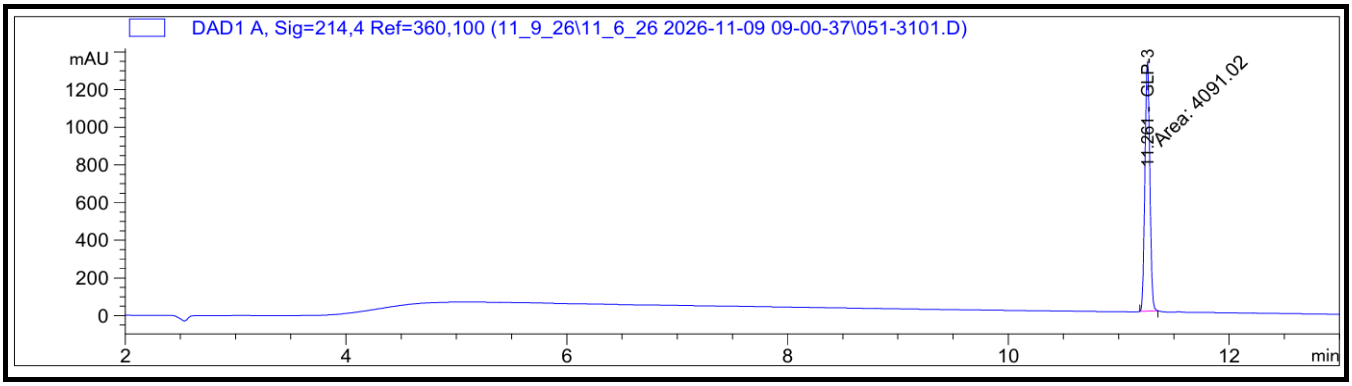
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

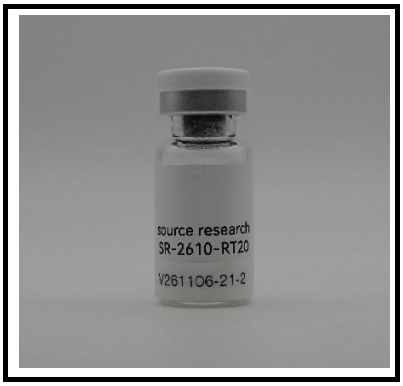
RT20 20 mg

Report To:
source research

Compound: RT20
Amount: 20 mg
Laboratory ID: V261106-21 002
Lot Number: SR-2610-RT20
Date Released: 11/13/2026



Analysis	Method	Result
Identity: Retention Time	HPLC-UV/VIS	Pass - Matches Ref. Standard
Identity: Spectral Analysis	HPLC-UV/VIS	Pass - Matches Ref. Standard
Chromatographic Purity	HPLC-UV/VIS	>99.80%
Quantity	HPLC-UV/VIS	18.76 mg
Solubility	Soluble in Water	Pass
Fentanyl Screening	Immunoassay	Pass - <50 ng/mL



ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 11/13/2026

Approved By: Tori Johnson, Operations Director on 11/13/2026

Please consult A2LA Certificate #6377.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. Blend purity is the combined chromatographic area % of peaks identified as the intended components, not absolute mass purity. It does not establish individual component purity, quantity, or ratio. Co-eluting or otherwise undetected impurities may not be included, despite peak-purity and spectral-library review.

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Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 261110

Analysis	Method	Result
Endotoxins	LAL	<10.0 EU/vial

**USP <85>/FDA endotoxin threshold for parenteral drugs is 5 EU/kg per hour (350 EU total for a 70 kg adult)*

Run ID: 261110, 261106

Report By: Dustin Newman, Laboratory Director on 11/13/2026

Approved By: Tori Johnson, Operations Director on 11/13/2026

ND: Non-Detect
LOQ: Limit of Quantification

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