

Lot Number: **IWR-5928420-P**
 Client Name: **Iron Within Research**
 Identity: **www.ironwithinresearch.com**


Received Date: **05/20/2026**
 Analysis Conducted: **05/15/2026**
 Searchable via: **horizonanalytical.com**

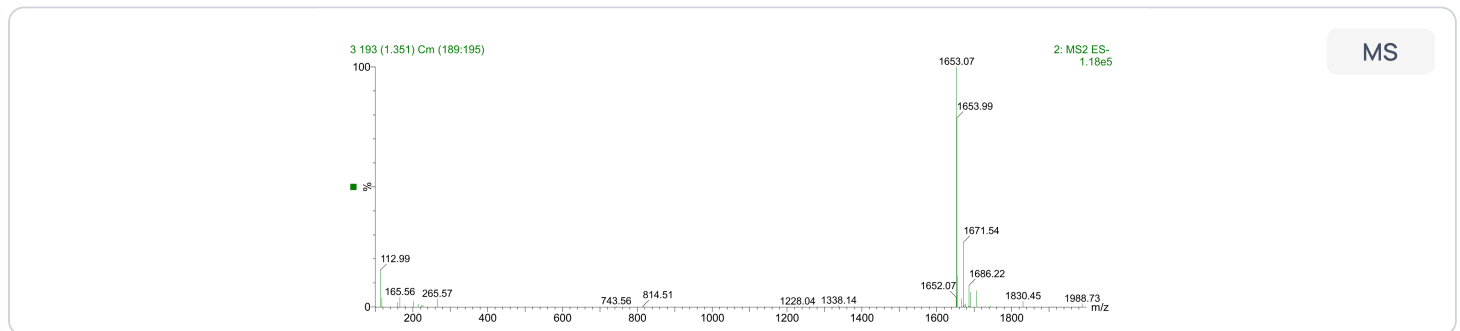
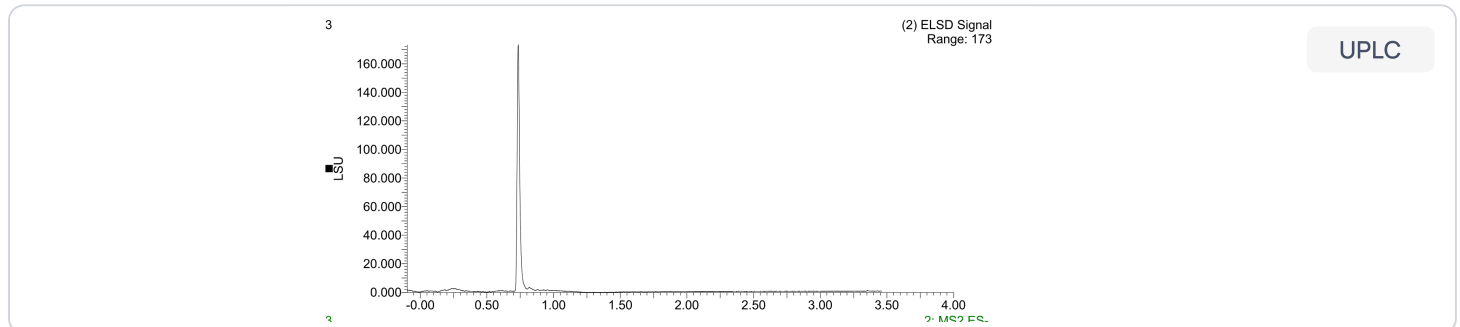
| | |
|--------------------|--------------------------|
| Compound: | TB-500 |
| Lot: | IWR-5928420-P |
| Appearance: | White Lyophilized Powder |

| | |
|--------------------|---------------------------------------------------------------------|
| CAS: | 77591-33-4 |
| Formula: | C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S |
| Mol Weight: | ~4963 g/mol |

Pubchem CID: 16132341

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|----------------|---------------|---------|-------------------------------------------------------------------------------------|
| Compound Test: | TB-500 | TB-500 |  |
| Quantity: | 10mg | 10.25mg | |
| Purity: | >98% | 99.4% | |



Aleksey Yevtodiyyenko PhD
Research and Formulation Chemist

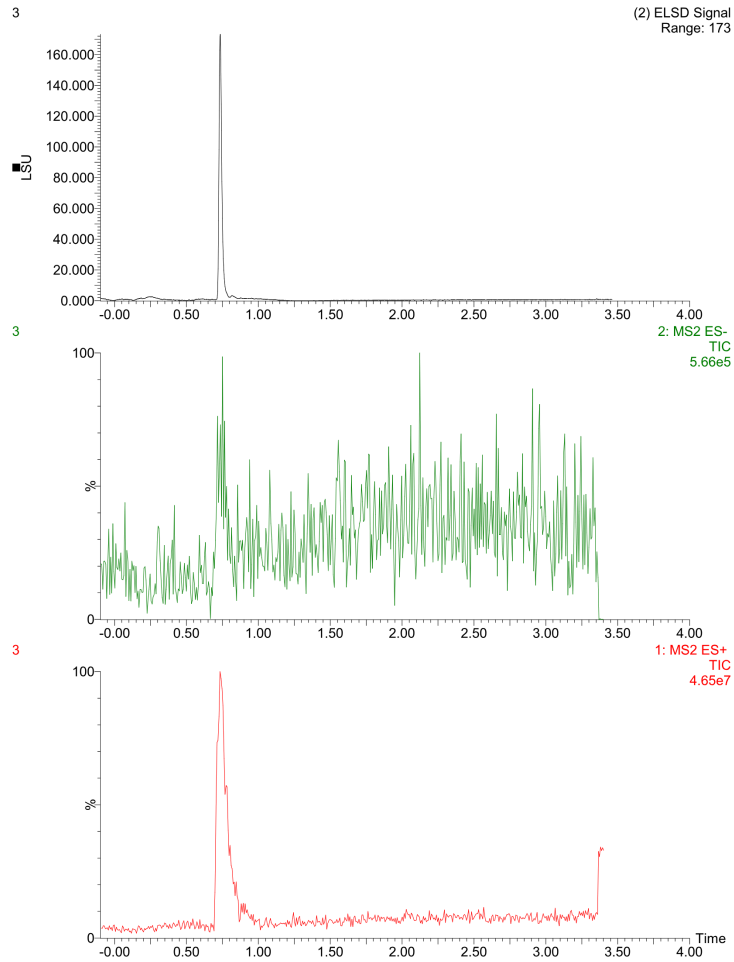


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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TB-500 (10mg) • Pubchem CID: 16132341
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

