Horizon Analytical

# Certificate of Analysis

Lot Number: IWR-4407912-P
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 04/21/2026
Analysis Conducted: 04/16/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | NAD+ |
| Lot: | IWR-4407912-P |
| Appearance: | White Lyophilized Powder |

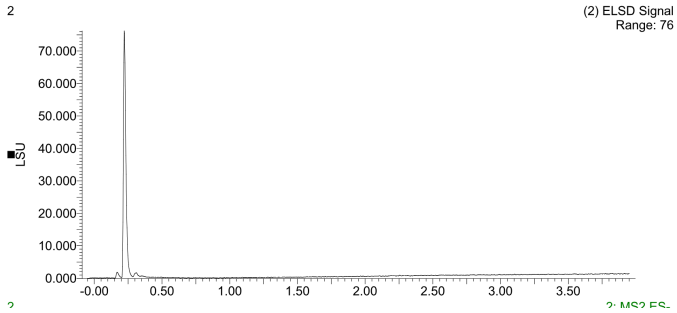
| | |
|---|---|
| CAS: | 53-84-9 |
| Formula: | $C_{21}H_{27}N_7O_{14}P_2$ |
| Mol Weight: | ~663.43 g/mol |

Pubchem CID: 925

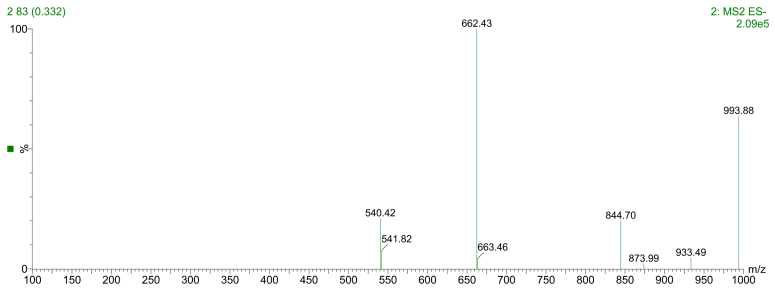
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | NAD+ | NAD+ | |
| Quantity: | 1000gmg | 990mg | |
| Purity: | >98% | 99.56% | |

UPLC




MS




Aleksey Yevtodiyenko 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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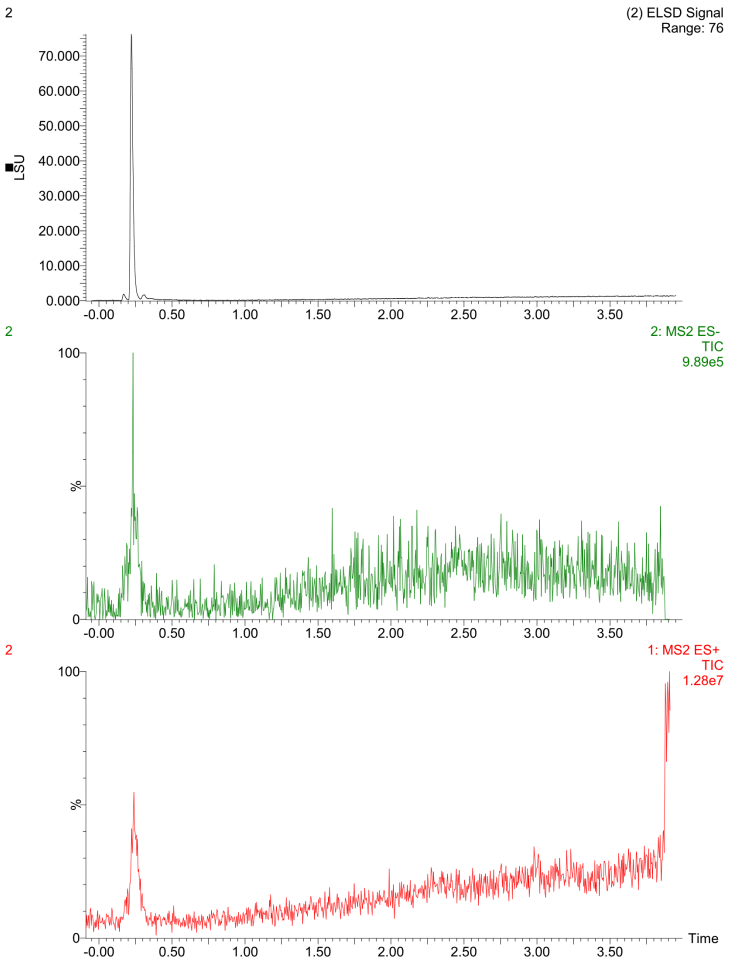
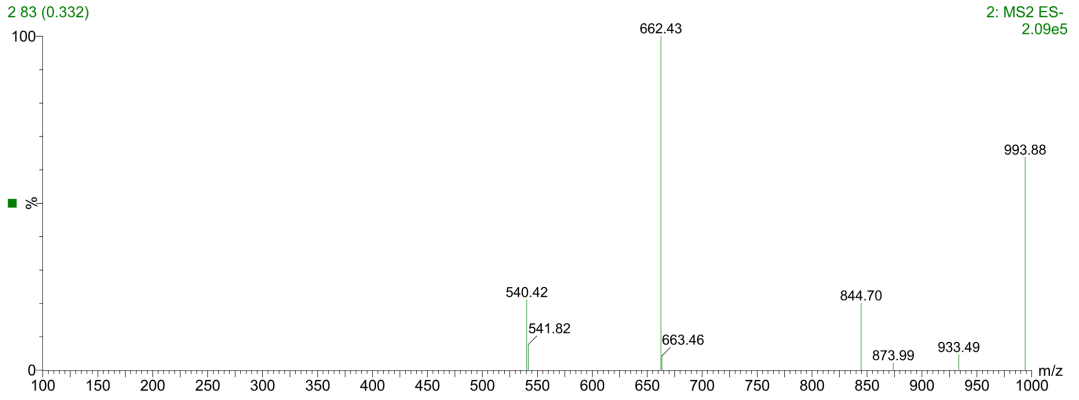
NAD+ (1000gmg) • Pubchem CID: 925

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)



Horizon Analytical

# Certificate of Analysis

Lot Number: IWR-6282635-P
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 04/21/2026
Analysis Conducted: 04/16/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | NAD+ |
| Lot: | IWR-6282635-P |
| Appearance: | White Lyophilized Powder |

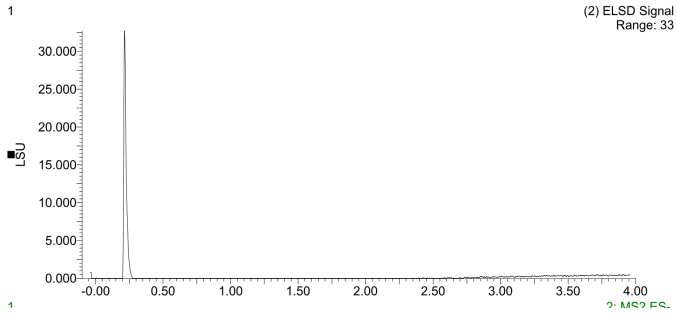
| | |
|---|---|
| CAS: | 53-84-9 |
| Formula: | $C_{21}H_{27}N_7O_{14}P_2$ |
| Mol Weight: | ~663.43 g/mol |

Pubchem CID: 925

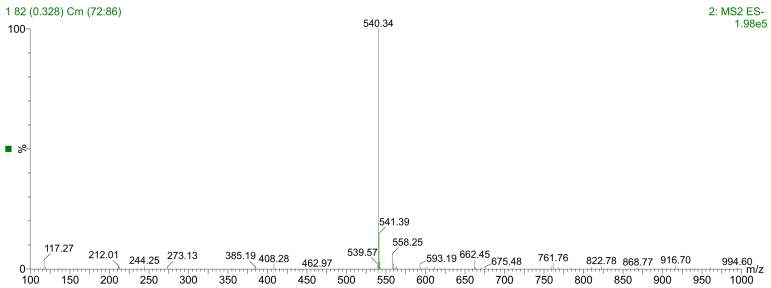
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | NAD+ | NAD+ | |
| Quantity: | 500mg | 497mg | |
| Purity: | >98% | 99.39% | |

UPLC




MS




Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

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Horizon Analytical

# Certificate of Analysis

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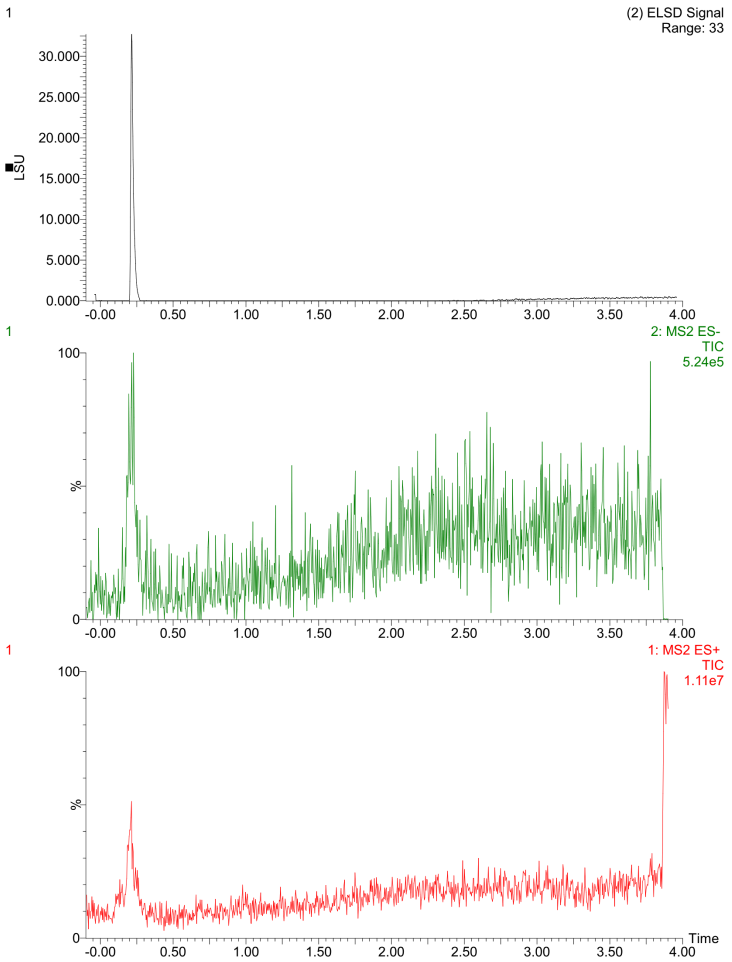
Client Name: Iron Within Research
Identity: www.ironwithinresearch.com

Received Date: 04/21/2026
Analysis Conducted: 04/16/2026
Searchable via: horizonanalytical.com

NAD+ (500mg) • Pubchem CID: 925

Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)