# TEST REPORT

E: contact@tjqxgd.com
W: www.tjqxgd.com

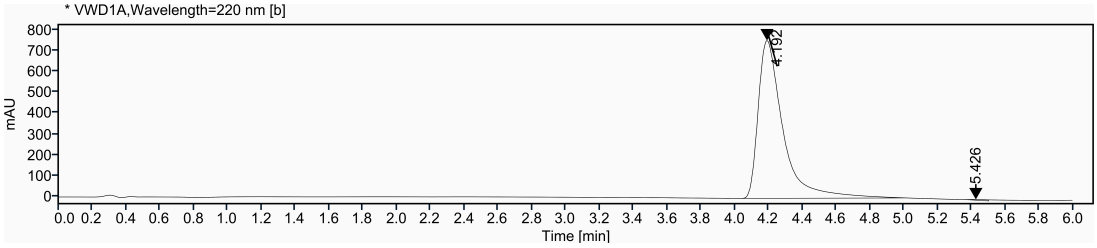
**HGH36-20260914S3377** **Sample Received: 2026-09-14**

**Authentication Code:** **Analysis date: 2026-09-14**



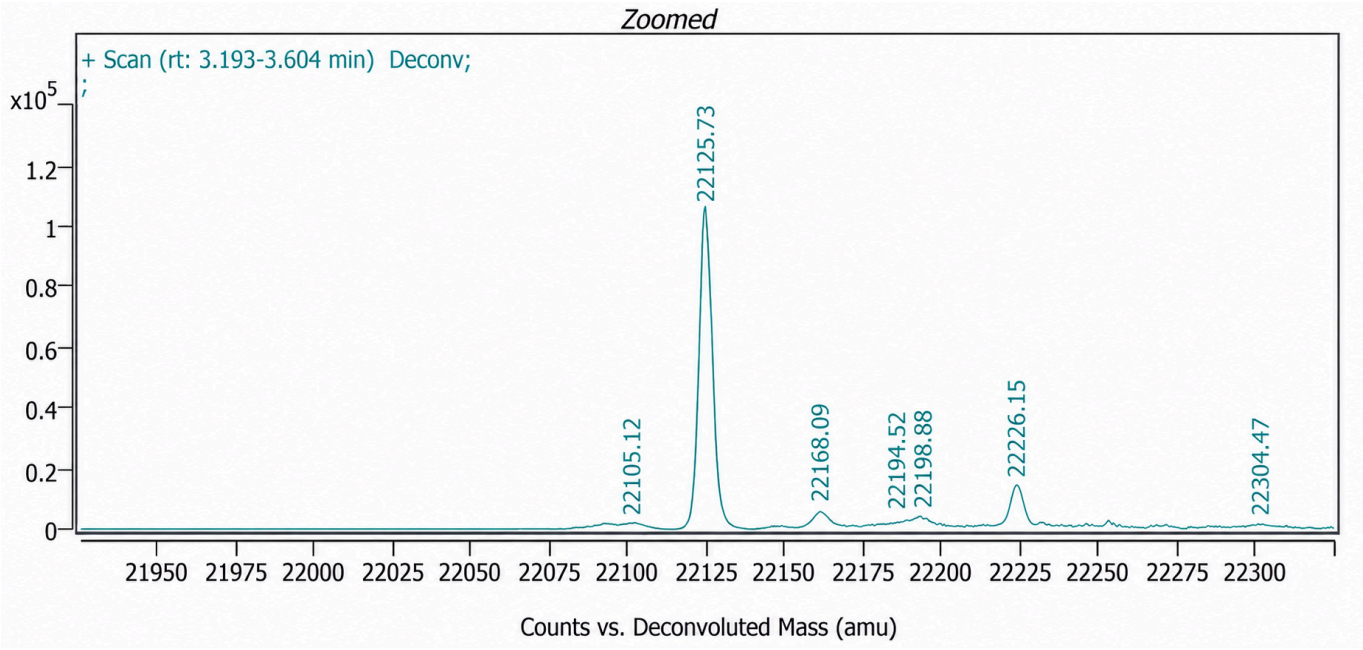
| Compound | HGH36/HGH | CAS Number | 12629-01-5 |
|---|---|---|---|
| Formula | N/A | Molecular Weight | 22,125 |
| Manufacturer | Peptides Stone Ltd. | | |

## HPLC-MS Details:




**Signal:** * VWD1A,Wavelength=220 nm [b]

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 4.192 | MM m | 1.0019 | 7683.5061 | 754.0134 | 99.6451 |
| 5.426 | MM m | 0.1399 | 27.3671 | 3.7028 | 0.3549 |
| | | **Sum** | **7710.8732** | | |




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## Result:

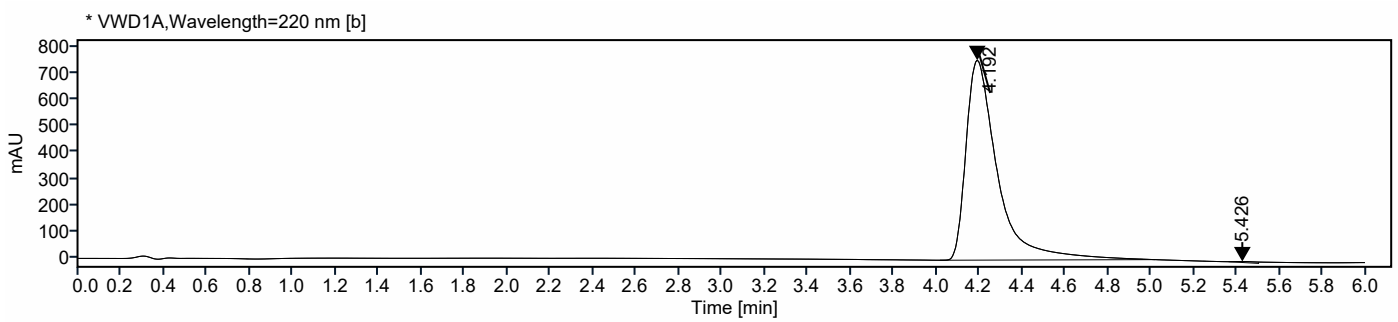
| Test Items | Specification | Results |
|---|---|---|
| Appearance | White to off-white powder | White powder |
| Purity (LCMS/HPLC) | ≥ 99.0% | 99.64% |
| Mass Spectrum | Conforms to $[M+H]^+$ | Detected |
| Dimer | 1.13% | |
| Net Content | 35.34 IU (based on 3 IU/mg) | |

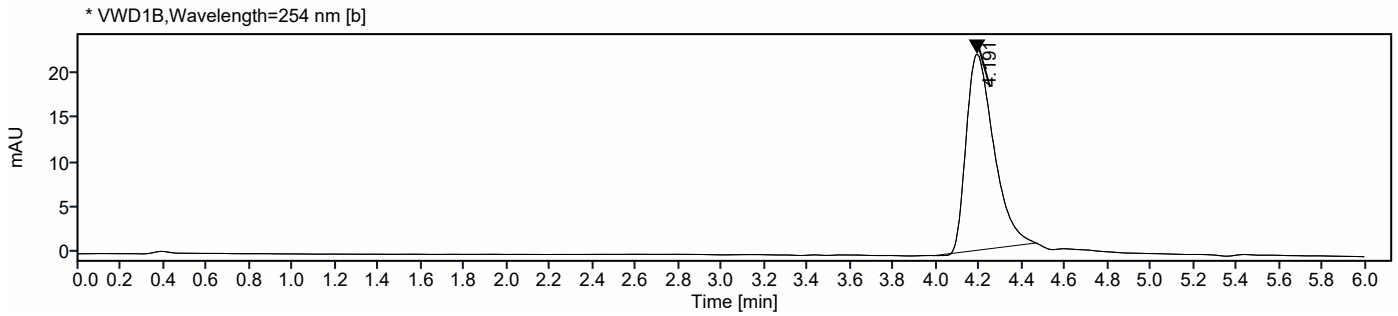
Peng Gao, Data Compilation  Zhibo Li, Technical Review

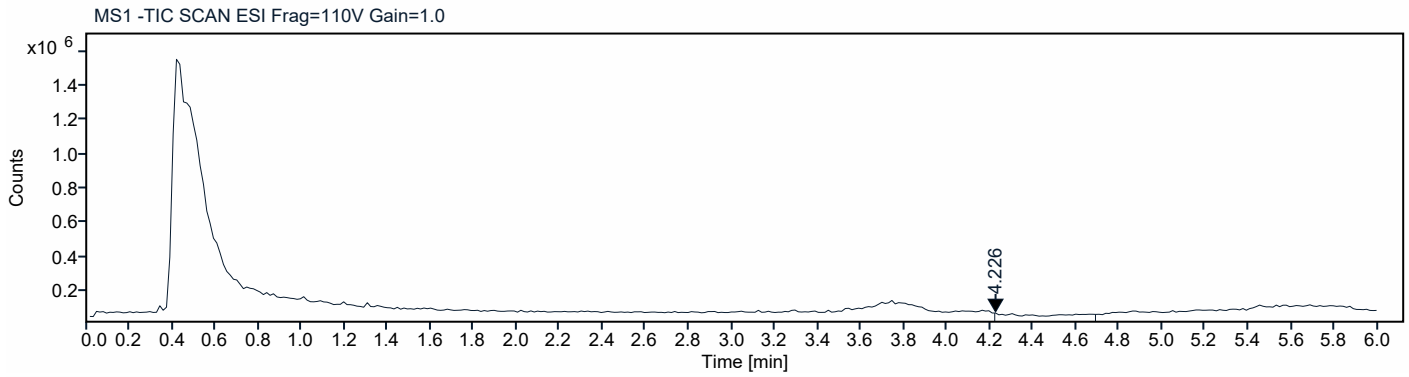
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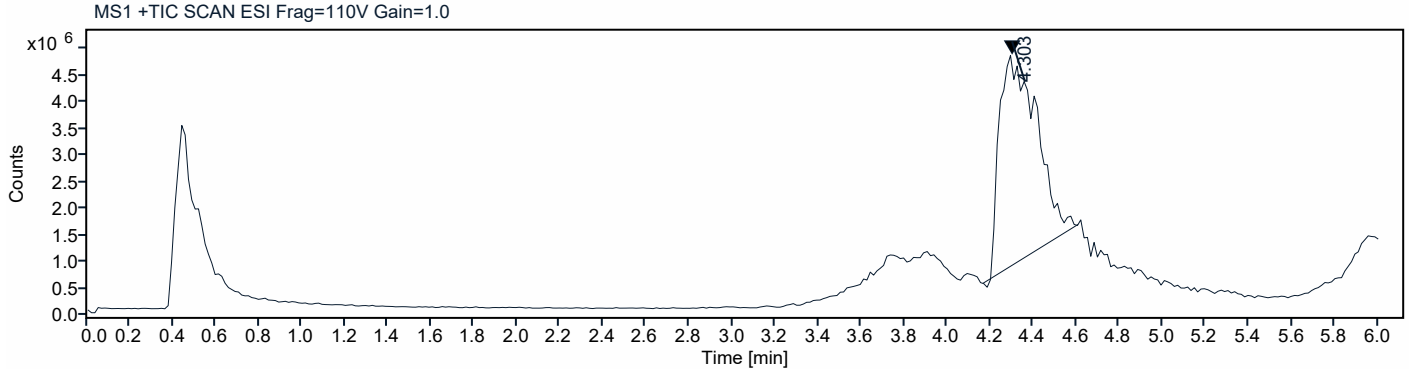
# LCMS Sample Purity - Detailed Report

| | | | |
|---|---|---|---|
| **Result set name:** | SingleSample | | |
| **Data file:** | HGH36.dx | **Project name:** | 2026 |
| **Sample name:** | HGH36 | **Operator:** | admin |
| **Instrument:** | LCMS | **Acquired on:** | 2026-09-14 19:38:36+08:00 |
| **Inj. volume:** | 5.000 µL | **Location:** | P1-C1 |
| **Acq. method:** | LCMS-02AB.amx | | |
| **Processing method:** | LCMS-LJJ.pmx | | |



**Signal:** MS1 +TIC SCAN ESI Frag=110V Gain=1.0

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 4.303 | MM m | 0.4425 | 46976565.0222 | 3948810.9549 | 100.0000 |
| | | **Sum** | **46976565.0222** | | |

**Signal:** MS1 -TIC SCAN ESI Frag=110V Gain=1.0

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 4.226 | MM m | 0.4683 | 3899915.7095 | 157575.7572 | 100.0000 |
| | | **Sum** | **3899915.7095** | | |

**Signal:** * VWD1A,Wavelength=220 nm [b]

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 4.192 | MM m | 1.0019 | 7683.5061 | 754.0134 | 99.6451 |
| 5.426 | MM m | 0.1399 | 27.3671 | 3.7028 | 0.3549 |
| | | **Sum** | **7710.8732** | | |

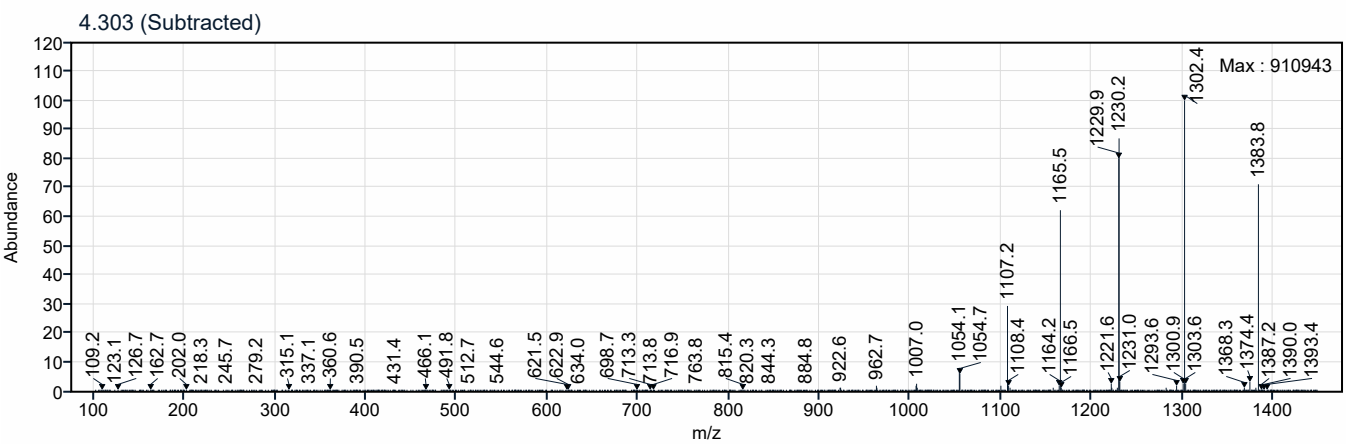
**Signal:** * VWD1B,Wavelength=254 nm [b]

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 4.191 | MM m | 0.4739 | 195.1455 | 21.9038 | 100.0000 |
| | | **Sum** | **195.1455** | | |

## Peak Details (Area Percent at least 1%)

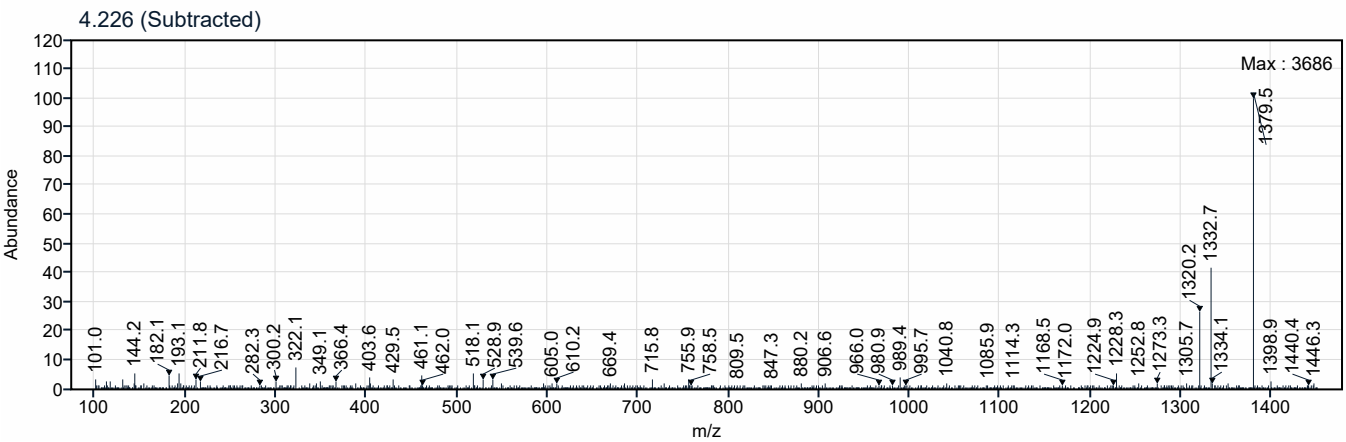
**Signal Description:** MS1 +TIC SCAN ESI Frag=110V Gain=1.0

**Peak RT:** 4.303 min **Area %:** 100.00%



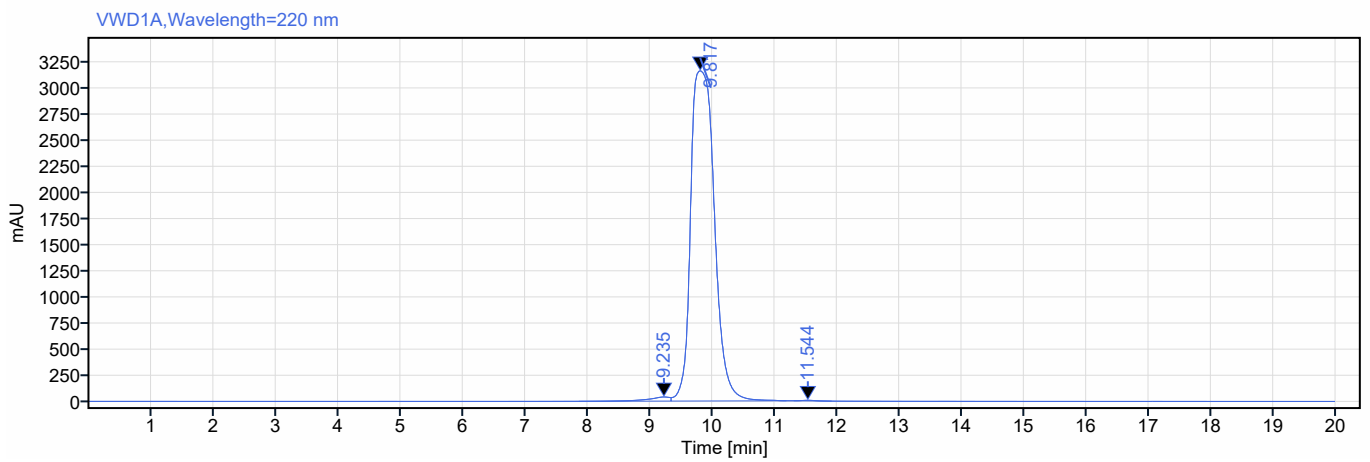

**Signal Description:** MS1 -TIC SCAN ESI Frag=110V Gain=1.0

**Peak RT:** 4.226 min **Area %:** 100.00%



# Single Injection Report

| | | | |
|---|---|---|---|
| **Data file:** | Agilent 1260-2026-09-16 13-42-46+08-00.dx | | |
| **Sequence Name:** | SingleSample | **Project Name:** | 2026 |
| **Sample name:** | HGH36 | **Operator:** | SYSTEM (SYSTEM) |
| **Instrument:** | Agilent 1260 | **Injection date:** | 2026-09-16 14:04:37+08:00 |
| **Inj. volume:** | 40.000 µL | **Location:** | D1F-A2 |
| **Acq. method:** | SEC-ADC.amx | **Type:** | Sample |
| **Processing method:** | ADC.pmx | **Sample amount:** | 0.00 |
| **Manually modified:** | None | | |




**Signal:** VWD1A,Wavelength=220 nm

| RT [min] | Type | Width [min] | Area | Height | Area% | Name |
|---|---|---|---|---|---|---|
| 9.235 | BV | 1.48 | 959.66 | 39.36 | 1.13 | |
| 9.817 | VB | 1.85 | 83685.33 | 3159.25 | 98.77 | |
| 11.544 | BB | 0.61 | 82.16 | 5.87 | 0.10 | |
| | | **Sum** | **84727.15** | | | |