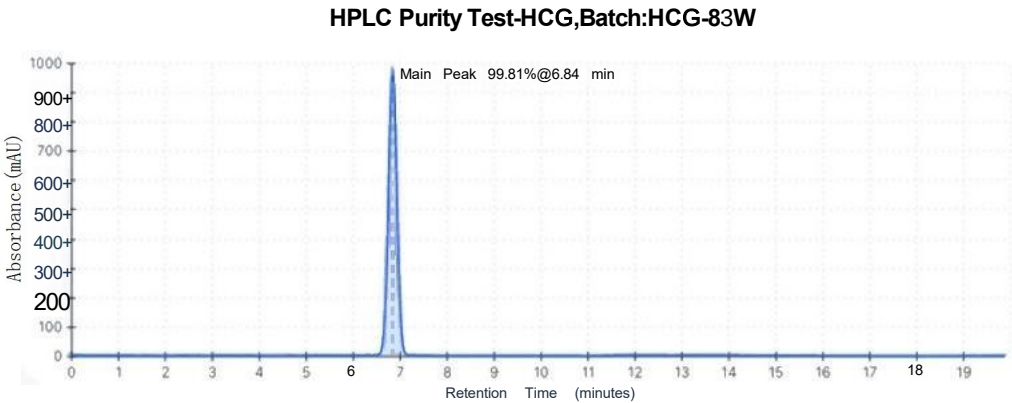


CERTIFICATE OF ANALYSIS

BATCH VERIFICATION

|              |              |
|--------------|--------------|
| BATCH        | HCG          |
| Date         | 2026.2.13    |
| Purity       | 99.24%HPLC   |
| Heavy Metals | Non-detected |



TECHNICAL PROPERTIES

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Property           | HCG(Human chorionic gonadotropin)                                                               |
| Product            | HCG(Heterodimeric glycoprotein hormone)                                                         |
| Identifiers        | CAS 66053-67-6                                                                                  |
| Molecular Formula  | C <sub>105</sub> H <sub>169</sub> N <sub>27</sub> O <sub>32</sub>                               |
| Molecular Weight   | 36700/mol                                                                                       |
| Storage            | Powder stable 3 yrs (105°C),2 yrs(4°C),3 mo(25°C).Reconstituted:-80°C=6mo, -20°C=1mo,20°C=1 wk. |
| Chemical Structure | Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu-OH                                                          |

TEST RESULTS

|                |                                      |                  |                    |
|----------------|--------------------------------------|------------------|--------------------|
| Test Item      | Specification                        | Method           | Result             |
| Appearance     | White to off-white lyophilized solid | Visual           | Conforms           |
| Purity(HPLC)   | ≥98 %                                | HPLC(C18,220 nm) | 99.24%@RT=6.84 min |
| TFA Content    | ≤0.50%w/w                            | NMR              | Conforms           |
| Identification | Consistent with reference.           | MS/NMR           | Pass               |

