# Certificate of Analysis

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|---|---|---|---|
| **Product Name**: | Retatrutide (10mg specification) | | |
| **CAS No.:** | 2381089-83-2 | **Lot No.**: | RETA10-20260607H |
| **Molecular Formula:** | $C_{221}H_{342}N_{46}O_{68}$ | **Manufacturing Date:** | 2026.06.07 |
| **Molecular Weight:** | 4731.35 | **Retest Date:** | 2027.06.07 |
| **Peptide Sequence:** | H-Tyr1-Aib2-Gln3-Gly4-Thr5-Phe6-Thr7-Ser8-Asp9-Tyr10-Ser11--Ile12-(α)MeLeu13-Leu14-Asp15-Lys16-Lys17(Eicosanedioicacid-γ-Glu-AEEA)-Ala18-Gln19-Aib20-Ala21-Phe22-Ile23-Glu24-Tyr25-Leu26-Leu27-Glu28-Gly29-Gly30-Pro31-Ser32-Ser33-Gly34-Ala35-Pro36-Pro37-Pro38-Ser39-NH2 | | |
| **Store at:** | Lyophilized bulk powder: Store at ≤ -20 °C, protected from light & moisture<br>Reconstituted solution: Store at 2–8°C, use within 7 days | | |

| **TEST** | SPECIFICATION | RESULT |
|---|---|---|
| **Appearance** | White or almost white fluffy powder | Conform |
| **MS (ESI)** | Match theoretical molecular ion | Consistent with target mass |
| **Peptide Purity (HPLC)** | ≥ 99.0% | 99.5% |
| **Total Related Substances** | ≤ 3.0% | 0.5% |
| **Peptide Content (Nitrogen Assay) NLT 80.0%** | > 80.0% | 83.4% |
| **Water Content (Karl Fischer)** | ≤ 5.0% | 2.6% |
| **Acetic acid Content** | ≤ 8.0% | 5.2% |
| **Endotoxin (LAL Method)** | ≤ 5 EU/mg protein | < 0.6 EU/mg |
| **Aerobic Microbial Count** | ≤ 100cfu/g | < 10 cfu/g |
| **Yeast & Mould Count** | ≤ 10cfu/g | < 10 cfu/g |

Conclusion: The product conforms with enterprise standard and qualified.

QC Director: Bingqing Wang

Anhui Rentong Import and Export Co.,LTD

# Certificate of Analysis

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|---|---|---|---|
| **Product Name**: | Retatrutide (20mg specification) | | |
| **CAS No.:** | 2381089-83-2 | **Lot No.**: | RETA20-20260625P |
| **Molecular Formula:** | $C_{221}H_{342}N_{46}O_{68}$ | **Manufacturing Date:** | 2026.06.25 |
| **Molecular Weight:** | 4731.35 | **Retest Date:** | 2027.06.25 |
| **Peptide Sequence:** | H-Tyr1-Aib2-Gln3-Gly4-Thr5-Phe6-Thr7-Ser8-Asp9-Tyr10-Ser11--Ile12-(α)MeLeu13-Leu14-Asp15-Lys16-Lys17(Eicosanedioicacid-γ-Glu-AEEA)-Ala18-Gln19-Aib20-Ala21-Phe22-Ile23-Glu24-Tyr25-Leu26-Leu27-Glu28-Gly29-Gly30-Pro31-Ser32-Ser33-Gly34-Ala35-Pro36-Pro37-Pro38-Ser39-NH2 | | |
| **Store at:** | Lyophilized bulk powder: Store at ≤ -20 °C, protected from light & moisture<br>Reconstituted solution: Store at 2–8°C, use within 7 days | | |

| **TEST** | SPECIFICATION | RESULT |
|---|---|---|
| **Appearance** | White or almost white fluffy powder | Conform |
| **MS (ESI)** | Match theoretical molecular ion | Consistent with target mass |
| **Peptide Purity (HPLC)** | ≥ 99.0% | 99.45% |
| **Total Related Substances** | ≤ 3.0% | 0.55% |
| **Peptide Content (Nitrogen Assay) NLT 80.0%** | > 80.0% | 83.5% |
| **Water Content (Karl Fischer)** | ≤ 5.0% | 3.2% |
| **Acetic acid Content** | ≤ 8.0% | 5.8% |
| **Endotoxin (LAL Method)** | ≤ 5 EU/mg protein | < 0.6 EU/mg |
| **Aerobic Microbial Count** | ≤ 100cfu/g | < 10 cfu/g |
| **Yeast & Mould Count** | ≤ 10cfu/g | < 10 cfu/g |

Conclusion: The product conforms with enterprise standard and qualified.

QC Director: Nan Fang

Anhui Rentong Import and Export Co., LTD

# Certificate of Analysis

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|---|---|---|---|
| **Product Name**: | Retatrutide (30mg specification) | | |
| **CAS No.:** | 2381089-83-2 | **Lot No.**: | RETA30-20260623L |
| **Molecular Formula:** | $C_{221}H_{342}N_{46}O_{68}$ | **Manufacturing Date:** | 2026.06.23 |
| **Molecular Weight:** | 4731.35 | **Retest Date:** | 2027.06.23 |
| **Peptide Sequence:** | H-Tyr1-Aib2-Gln3-Gly4-Thr5-Phe6-Thr7-Ser8-Asp9-Tyr10-Ser11--Ile12-(α)MeLeu13-Leu14-Asp15-Lys16-Lys17(Eicosanedioicacid-γ-Glu-AEEA)-Ala18-Gln19-Aib20-Ala21-Phe22-Ile23-Glu24-Tyr25-Leu26-Leu27-Glu28-Gly29-Gly30-Pro31-Ser32-Ser33-Gly34-Ala35-Pro36-Pro37-Pro38-Ser39-NH2 | | |
| **Store at:** | Lyophilized bulk powder: Store at ≤ -20 °C, protected from light & moisture<br>Reconstituted solution: Store at 2–8°C, use within 7 days | | |

| **TEST** | SPECIFICATION | RESULT |
|---|---|---|
| **Appearance** | White or almost white fluffy powder | Conform |
| **MS (ESI)** | Match theoretical molecular ion | Consistent with target mass |
| **Peptide Purity (HPLC)** | ≥ 99.0% | 99.5% |
| **Total Related Substances** | ≤ 3.0% | 0.5% |
| **Peptide Content (Nitrogen Assay) NLT 80.0%** | > 80.0% | 82.5% |
| **Water Content (Karl Fischer)** | ≤ 5.0% | 2.6% |
| **Acetic acid Content** | ≤ 8.0% | 5.0% |
| **Endotoxin (LAL Method)** | ≤ 5 EU/mg protein | < 0.6 EU/mg |
| **Aerobic Microbial Count** | ≤ 100cfu/g | < 10 cfu/g |
| **Yeast & Mould Count** | ≤ 10cfu/g | < 10 cfu/g |

Conclusion: The product conforms with enterprise standard and qualified.

QC Director: Hao Chen

Anhui Rentang Import and Export Co.,LTD

# Certificate of Analysis

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|---|---|---|---|
| **Product Name**: | Retatrutide (50mg specification) | | |
| **CAS No.:** | 2381089-83-2 | **Lot No.**: | RETA50-20260706D |
| **Molecular Formula:** | $C_{221}H_{342}N_{46}O_{68}$ | **Manufacturing Date:** | 2026.07.06 |
| **Molecular Weight:** | 4731.35 | **Retest Date:** | 2027.07.06 |
| **Peptide Sequence:** | H-Tyr1-Aib2-Gln3-Gly4-Thr5-Phe6-Thr7-Ser8-Asp9-Tyr10-Ser11--Ile12-(α)MeLeu13-Leu14-Asp15-Lys16-Lys17(Eicosanedioicacid-γ-Glu-AEEA)-Ala18-Gln19-Aib20-Ala21-Phe22-Ile23-Glu24-Tyr25-Leu26-Leu27-Glu28-Gly29-Gly30-Pro31-Ser32-Ser33-Gly34-Ala35-Pro36-Pro37-Pro38-Ser39-NH2 | | |
| **Store at:** | Lyophilized bulk powder: Store at ≤ -20 °C, protected from light & moisture<br>Reconstituted solution: Store at 2–8°C, use within 7 days | | |

| **TEST** | SPECIFICATION | RESULT |
|---|---|---|
| **Appearance** | White or almost white fluffy powder | Conform |
| **MS (ESI)** | Match theoretical molecular ion | Consistent with target mass |
| **Peptide Purity (HPLC)** | ≥ 99.0% | 99.35% |
| **Total Related Substances** | ≤ 3.0% | 0.65% |
| **Peptide Content (Nitrogen Assay) NLT 80.0%** | > 80.0% | 83.2% |
| **Water Content (Karl Fischer)** | ≤ 5.0% | 2.7% |
| **Acetic acid Content** | ≤ 8.0% | 4.6% |
| **Endotoxin (LAL Method)** | ≤ 5 EU/mg protein | < 0.6 EU/mg |
| **Aerobic Microbial Count** | ≤ 100cfu/g | < 10 cfu/g |
| **Yeast & Mould Count** | ≤ 10cfu/g | < 10 cfu/g |

Conclusion: The product conforms with enterprise standard and qualified.

QC Director: Bingqing Wang

Anhui Rentong Import and Export Co., LTD