

CERTIFICATE OF ANALYSIS

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|-----------------------------|---|
| Product Name | SARS-CoV-2 Spike Glycoprotein B.1.617.2-Delta |
| Cat No. | RP30033 |
| Lot No | E7831522A |
| Sequence | See appendix for details |
| Modification | N/A |
| Size | Subpool 1: 3.95mg and Subpool 2: 3.925mg |
| Storage | -20°C |
| Recommended Solvent* | Dimethyl sulfoxide(Analytical grade) |
| HPLC purity | Crude |
| Appearance | White lyophilized powder |
| Comments | TFA salts |

*Note: Above recommended solvents for reference only. If there is any request for detailed dissolution conditions, we suggest you choose our 'Peptide Solubility Test Service'.

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (TollFree), or 1-732-885-9188.

Shanshan Wei

Certified by:

Date: 01/13/2022

Thank you for your patronage to our Peptide services! To maintain this working relationship, we shall be grateful if you can add our webpage URL into your lab website. As a token of appreciation, you will be rewarded by 1,000 EZcoupon™ points. For more information, please contact us by e-mail at web@genscript.com.

Appendix:

| Subpool 1 | | | |
|-----------------|----------|----------|--------|
| Sequence | MW | Quantity | Purity |
| MFVFLVLLPLVSSQC | 1696. 13 | 25ug | Crude |
| LVLLPLVSSQCVNLR | 1654. 04 | 25ug | Crude |
| PLVSSQCVNLRTRTQ | 1701. 95 | 25ug | Crude |
| SQCVNLRTRTQLPPA | 1683. 94 | 25ug | Crude |
| NLRTRTQLPPAYTNS | 1731. 92 | 25ug | Crude |
| RTQLPPAYTNSFTRG | 1708. 88 | 25ug | Crude |

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|------------------|---------|------|-------|
| PPAYTNSFTRGVVYYP | 1732.90 | 25ug | Crude |
| TNSFTRGVVYYPDKVF | 1793.98 | 25ug | Crude |
| TRGVVYYPDKVFRSSV | 1773.99 | 25ug | Crude |
| YYPDKVFRSSVLHST | 1799.00 | 25ug | Crude |
| KVFRSSVLHSTQDLF | 1764.00 | 25ug | Crude |
| SSVLHSTQDLFLPFF | 1737.96 | 25ug | Crude |
| HSTQDLFLPFFSNVT | 1752.93 | 25ug | Crude |
| DLFLPFFSNVTFHHA | 1841.08 | 25ug | Crude |
| PFFSNVTFHHAHVS | 1789.01 | 25ug | Crude |
| NVTFHHAHVSGTNG | 1639.78 | 25ug | Crude |
| FHAHVSGTNGTKRF | 1671.86 | 25ug | Crude |
| HVSGTNGTKRFDNPV | 1628.75 | 25ug | Crude |
| TNGTKRFDNPVLPFN | 1719.90 | 25ug | Crude |
| KRFDNPVLPFNDGVY | 1780.98 | 25ug | Crude |
| NPVLPFNDGVYFAST | 1640.80 | 25ug | Crude |
| PFNDGVYFASTEKSN | 1675.76 | 25ug | Crude |
| GVYFASTEKSNIIRG | 1641.83 | 25ug | Crude |
| ASTEKSNIIRGWIFG | 1678.89 | 25ug | Crude |
| KSNIIRGWIFGTTLD | 1720.97 | 25ug | Crude |
| IRGWIFGTTLDSKTQ | 1722.95 | 25ug | Crude |
| IFGTTLDSKTQSLLI | 1636.89 | 25ug | Crude |
| TLDSKTQSLLIIVNNA | 1616.82 | 25ug | Crude |
| KTQSLLIIVNNATNVV | 1613.86 | 25ug | Crude |
| LLIIVNNATNVVIKVC | 1612.98 | 25ug | Crude |
| NNATNVVIKVCEFQF | 1725.97 | 25ug | Crude |
| NVVIKVCEFQFCNDP | 1755.03 | 25ug | Crude |
| KVCEFQFCNDPFLDV | 1804.06 | 25ug | Crude |
| FQFCNDPFLDVYYHK | 1936.16 | 25ug | Crude |
| NDPFLDVYYHKNNKS | 1853.99 | 25ug | Crude |
| LDVYYHKNNKSWMES | 1914.11 | 25ug | Crude |
| YHKNNKSWMESGVYS | 1829.99 | 25ug | Crude |
| NKSWMESGVYSSANN | 1673.77 | 25ug | Crude |
| MESGVYSSANNCTFE | 1638.74 | 25ug | Crude |
| VYSSANNCTFEYVSQ | 1711.81 | 25ug | Crude |
| ANNCTFEYVSQPFLM | 1764.00 | 25ug | Crude |
| TFEYVSQPFLMDLEG | 1775.98 | 25ug | Crude |
| VSQPFLMDLEGKQGN | 1662.87 | 25ug | Crude |
| FLMDLEGKQGNFKNL | 1754.02 | 25ug | Crude |
| LEGKQGNFKNLREFV | 1779.01 | 25ug | Crude |
| QGNFKNLREFVFKNI | 1854.13 | 25ug | Crude |
| KNLREFVFKNIDGYF | 1890.15 | 25ug | Crude |
| EFVFKNIDGYFKIYS | 1870.12 | 25ug | Crude |
| KNIDGYFKIYSKHTP | 1811.05 | 25ug | Crude |
| GYFKIYSKHTPINLV | 1780.08 | 25ug | Crude |

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|-----------------|---------|------|-------|
| IYSKHTPINLVRDLP | 1766.06 | 25ug | Crude |
| HTPINLVRDLPQGFS | 1693.91 | 25ug | Crude |
| NLVRDLPQGFSALEP | 1655.86 | 25ug | Crude |
| DLPQGFSALEPLVDL | 1613.81 | 25ug | Crude |
| GFSALEPLVDLPIGI | 1540.81 | 25ug | Crude |
| LEPLVDLPIGINITR | 1662.98 | 25ug | Crude |
| VDLPIGINITRFQTL | 1700.00 | 25ug | Crude |
| IGINITRFQTLALH | 1710.04 | 25ug | Crude |
| ITRFQTLALHRSYL | 1832.16 | 25ug | Crude |
| QTLALHRSYLTPGD | 1684.90 | 25ug | Crude |
| ALHRSYLTPGDSSSG | 1547.63 | 25ug | Crude |
| SYLTPGDSSSGWTAG | 1485.51 | 25ug | Crude |
| PGDSSSGWTAGAAAY | 1397.41 | 25ug | Crude |
| SSGWTAGAAAYVGY | 1523.61 | 25ug | Crude |
| TAGAAAYVGYLQPR | 1600.78 | 25ug | Crude |
| AAYVGYLQPRTFLL | 1775.06 | 25ug | Crude |
| VGYLQPRTFLLKYNE | 1841.12 | 25ug | Crude |
| QPRTFLLKYNENGTI | 1794.03 | 25ug | Crude |
| FLLKYNENGTITDAV | 1697.89 | 25ug | Crude |
| YNENGTITDAVDCAL | 1598.69 | 25ug | Crude |
| GTITDAVDCALDPLS | 1490.64 | 25ug | Crude |
| DAVDCALDPLSETKC | 1579.76 | 25ug | Crude |
| CALDPLSETKCTLKS | 1608.88 | 25ug | Crude |
| PLSETKCTLKSFTVE | 1682.94 | 25ug | Crude |
| TKCTLKSFTVEKGIY | 1718.03 | 25ug | Crude |
| LKSFTVEKGIYQTSN | 1714.92 | 25ug | Crude |
| TVEKGIYQTSNFRVQ | 1769.96 | 25ug | Crude |
| GIYQTSNFRVQPTES | 1726.85 | 25ug | Crude |
| TSNFRVQPTESIVRF | 1780.99 | 25ug | Crude |
| RVQPTESIVRFPNIT | 1757.01 | 25ug | Crude |
| TESIVRFPNITNLCP | 1703.97 | 25ug | Crude |
| VRFPNITNLCPFGEV | 1705.98 | 25ug | Crude |
| NITNLCPFGEVFNAT | 1639.84 | 25ug | Crude |
| LCPFGEVFNATRFAS | 1658.88 | 25ug | Crude |
| GEVFNATRFASVYAW | 1717.89 | 25ug | Crude |
| NATRFASVYAWNRKR | 1840.06 | 25ug | Crude |
| FASVYAWNRKRISNC | 1815.07 | 25ug | Crude |
| YAWNRKRISNCVADY | 1859.08 | 25ug | Crude |
| RKRISNCVADYSVLY | 1787.06 | 25ug | Crude |
| SNCVADYSVLYNSAS | 1592.69 | 25ug | Crude |
| ADYSVLYNSASFSTF | 1671.77 | 25ug | Crude |
| VLNSASFSTFKCYG | 1686.89 | 25ug | Crude |
| SASFSTFKCYGVSPT | 1581.75 | 25ug | Crude |
| STFKCYGVSPTKLN | 1659.87 | 25ug | Crude |

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| CYGVSPKLNLDLCFT | 1660.92 | 25ug | Crude |
| SPTKLNLDLCFTNVYA | 1685.90 | 25ug | Crude |
| LNDLCFTNVYADSFV | 1720.90 | 25ug | Crude |
| CFTNVYADSFVIRGD | 1706.88 | 25ug | Crude |
| VYADSFVIRGDEVQR | 1753.92 | 25ug | Crude |
| SFVIRGDEVQRAPG | 1643.85 | 25ug | Crude |
| RGDEVQRAPGQTGK | 1611.77 | 25ug | Crude |
| VRQIAPGQTGKIADY | 1616.82 | 25ug | Crude |
| APGQTGKIADYNYKL | 1638.83 | 25ug | Crude |
| TGKIADYNYKLPDDF | 1759.92 | 25ug | Crude |
| ADYNYKLPDDFTGCV | 1720.86 | 25ug | Crude |
| YKLPDDFTGCVIAWN | 1741.97 | 25ug | Crude |
| DDFTGCVIAWNSNNL | 1668.79 | 25ug | Crude |
| GCVIAWNSNNLDSKV | 1619.81 | 25ug | Crude |
| AWNSNNLDSKVGNY | 1638.70 | 25ug | Crude |
| NNLDSKVGNYRYR | 1776.87 | 25ug | Crude |
| SKVGNYRYRRLFR | 1893.12 | 25ug | Crude |
| GNRYRRLFRKSNL | 1964.20 | 25ug | Crude |
| RYRRLFRKSNLKPFE | 2017.35 | 25ug | Crude |
| LFRKSNLKPFERDIS | 1850.14 | 25ug | Crude |
| SNLKPFERDISTEY | 1811.99 | 25ug | Crude |
| PFERDISTEYQAGS | 1712.82 | 25ug | Crude |
| DISTEYQAGSKPCN | 1625.76 | 25ug | Crude |
| EYQAGSKPCNGVEG | 1551.68 | 25ug | Crude |
| AGSKPCNGVEGFNCY | 1545.70 | 25ug | Crude |
| PCNGVEGFNCYFPLQ | 1687.90 | 25ug | Crude |
| VEGFNCYFPLQSYGF | 1770.97 | 25ug | Crude |
| NCYFPLQSYGFQPTN | 1778.95 | 25ug | Crude |
| PLQSYGFQPTNGVGY | 1627.76 | 25ug | Crude |
| YGFQPTNGVGYQPYR | 1746.88 | 25ug | Crude |
| PTNGVGYQPYRVVVL | 1661.91 | 25ug | Crude |
| VGYQPYRVVLSFEL | 1769.06 | 25ug | Crude |
| PYRVVLSFELLHAP | 1740.06 | 25ug | Crude |
| VVLSFELLHAPATVC | 1598.91 | 25ug | Crude |
| FELLHAPATVCGPKK | 1610.93 | 25ug | Crude |
| HAPATVCGPKKSTNL | 1523.76 | 25ug | Crude |
| TVCGPKKSTNLVKNK | 1616.93 | 25ug | Crude |
| PKKSTNLVKNKCVNF | 1720.05 | 25ug | Crude |
| TNLVKNKCVNFNFG | 1711.95 | 25ug | Crude |
| KNKCVNFNFNGLTGT | 1656.87 | 25ug | Crude |
| VNFNFNGLTGTGVL | 1553.72 | 25ug | Crude |
| FNGLTGTGVLTESNK | 1537.68 | 25ug | Crude |
| TGTGVLTESNKKFLP | 1591.81 | 25ug | Crude |
| VLTESNKKFLPFQF | 1826.11 | 25ug | Crude |

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| SNKKFLPFQQFGRDI | 1825.08 | 25ug | Crude |
| FLPFQQFGRDIADTT | 1755.93 | 25ug | Crude |
| QQFGRDIADTTDAVR | 1692.79 | 25ug | Crude |
| RDIADTTDAVRDPQT | 1673.74 | 25ug | Crude |
| DTTDAVRDPQTLLEIL | 1686.82 | 25ug | Crude |
| AVRDPQTLLEILDITP | 1680.91 | 25ug | Crude |
| PQTLLEILDITPCSFG | 1633.87 | 25ug | Crude |
| EILDITPCSFGGVS | 1536.75 | 25ug | Crude |
| ITPCSFGGVSIVITPG | 1434.66 | 25ug | Crude |
| SFGGVSIVITPGTNTS | 1423.53 | 25ug | Crude |
| VSVITPGTNTSNQVA | 1487.62 | 25ug | Crude |
| TPGTNTSNQVAVLYQ | 1592.71 | 25ug | Crude |
| NTSNQVAVLYQGVNC | 1609.77 | 25ug | Crude |
| QVAVLYQGVNCTEVP | 1619.85 | 25ug | Crude |
| LYQGVNCTEVPVAIH | 1642.88 | 25ug | Crude |
| VNCTEVPVAIHADQL | 1608.82 | 25ug | Crude |
| EVPVAIHADQLPTW | 1676.87 | 25ug | Crude |
| AIHADQLPTWRVYS | 1757.95 | 25ug | Crude |
| DQLPTWRVYSTGSN | 1724.83 | 25ug | Crude |
| PTWRVYSTGSNVFQT | 1742.89 | 25ug | Crude |
| Subpool 2 | | | |
| VYSTGSNVFQTRAGC | 1589.74 | 25ug | Crude |
| GSNVFQTRAGCLIGA | 1493.69 | 25ug | Crude |
| FQTRAGCLIGAHEVN | 1615.82 | 25ug | Crude |
| AGCLIGAHEVNNSYE | 1576.69 | 25ug | Crude |
| IGAHEVNNSYECDIP | 1660.77 | 25ug | Crude |
| HVNNSYECDIPIGAG | 1588.70 | 25ug | Crude |
| SYECDIPIGAGICAS | 1498.69 | 25ug | Crude |
| DIPIGAGICASYQTQ | 1536.71 | 25ug | Crude |
| GAGICASYQTQTNSR | 1556.66 | 25ug | Crude |
| CASYQTQTNSRRRAR | 1797.96 | 25ug | Crude |
| QTQTNSRRRARSVAS | 1717.85 | 25ug | Crude |
| NSRRRARSVASQSII | 1700.91 | 25ug | Crude |
| RARSVASQSIIAYTM | 1653.91 | 25ug | Crude |
| VASQSIIAYTMSLGA | 1511.75 | 25ug | Crude |
| SIIAYTMSLGAENSV | 1555.76 | 25ug | Crude |
| YTMSLGAENSVAYSN | 1606.72 | 25ug | Crude |
| LGAENSVAYSNNNSIA | 1509.58 | 25ug | Crude |
| NSVAYSNNNSIAIPTN | 1564.66 | 25ug | Crude |
| YSNNNSIAIPTNFTIS | 1641.78 | 25ug | Crude |
| SIAIPTNFTISVTTE | 1593.78 | 25ug | Crude |
| PTNFTISVTTEILPV | 1631.87 | 25ug | Crude |
| TISVTTEILPVSMTK | 1619.93 | 25ug | Crude |
| TTEILPVSMTKTSVD | 1621.86 | 25ug | Crude |

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|-----------------|---------|------|-------|
| LPVSMTKTSVDCTMY | 1675.99 | 25ug | Crude |
| MTKTSVDCTMYICGD | 1667.95 | 25ug | Crude |
| SVDCTMYICGDSTEC | 1626.81 | 25ug | Crude |
| TMYICGDSTECSNLL | 1649.87 | 25ug | Crude |
| CGDSTECSNLLQYG | 1602.75 | 25ug | Crude |
| TECSNLLQYGSFCT | 1678.89 | 25ug | Crude |
| NLLQYGSFCTQLNR | 1770.03 | 25ug | Crude |
| QYGSFCTQLNRALTG | 1658.84 | 25ug | Crude |
| FCTQLNRALTGIAVE | 1635.89 | 25ug | Crude |
| LNRLTGIAVEQDKN | 1641.83 | 25ug | Crude |
| LTGIAVEQDKNTQEV | 1644.79 | 25ug | Crude |
| AVEQDKNTQEVFAQV | 1705.83 | 25ug | Crude |
| DKNTQEVFAQVKQIY | 1811.01 | 25ug | Crude |
| QEVFAQVKQIYKTPP | 1776.05 | 25ug | Crude |
| AQVKQIYKTPPIKDF | 1776.09 | 25ug | Crude |
| QIYKTPPIKDFGGFN | 1724.96 | 25ug | Crude |
| TPPIKDFGGFNFSQI | 1667.87 | 25ug | Crude |
| KDFGGFNFSQILPDP | 1681.85 | 25ug | Crude |
| GFNFSQILPDPSKPS | 1633.81 | 25ug | Crude |
| SQILPDPSKPSKRSF | 1686.91 | 25ug | Crude |
| PDPSKPSKRSFIEDL | 1715.91 | 25ug | Crude |
| KPSKRSFIEDLLFNK | 1822.12 | 25ug | Crude |
| RSFIEDLLFNKVTLA | 1766.05 | 25ug | Crude |
| EDLLFNKVTLADAGF | 1652.85 | 25ug | Crude |
| FNKVTLADAGFIKQY | 1714.97 | 25ug | Crude |
| TLADAGFIKQYGDCL | 1614.83 | 25ug | Crude |
| AGFIKQYGDCLGDIA | 1570.77 | 25ug | Crude |
| KQYGDCLGDIAARDL | 1637.82 | 25ug | Crude |
| DCLGDIAARDLICAQ | 1576.80 | 25ug | Crude |
| DIAARDLICAQKFNG | 1634.86 | 25ug | Crude |
| RDLICAQKFNGLTVL | 1691.01 | 25ug | Crude |
| CAQKFNGLTVLPPLL | 1613.97 | 25ug | Crude |
| FNGLTVLPPLLTDEM | 1659.95 | 25ug | Crude |
| TVLPPLLTDEMIAQY | 1704.00 | 25ug | Crude |
| PLLTDEMIAQYTSAL | 1665.91 | 25ug | Crude |
| DEMIAQYTSALLAGT | 1583.77 | 25ug | Crude |
| AQYTSALLAGTITSG | 1453.60 | 25ug | Crude |
| SALLAGTITSGWTFG | 1481.66 | 25ug | Crude |
| AGTITSGWTFGAGAA | 1367.47 | 25ug | Crude |
| TSGWTFGAGAALQIP | 1476.64 | 25ug | Crude |
| TFGAGAALQIPFAMQ | 1522.77 | 25ug | Crude |
| GAALQIPFAMQMAYR | 1668.00 | 25ug | Crude |
| QIPFAMQMAYRFNGI | 1787.12 | 25ug | Crude |
| AMQMAYRFNGIGVTQ | 1686.96 | 25ug | Crude |

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| AYRFNGIGVTONVLY | 1714. 93 | 25ug | Crude |
| NGIGVTONVLYENQK | 1676. 83 | 25ug | Crude |
| VTQNVLYENQKLIAN | 1746. 97 | 25ug | Crude |
| VLYENQKLIANQFNS | 1780. 98 | 25ug | Crude |
| NQKLIANQFNSAIGK | 1645. 87 | 25ug | Crude |
| IANQFNSAIGKIQDS | 1605. 76 | 25ug | Crude |
| FNSAIGKIQDSLST | 1567. 70 | 25ug | Crude |
| IGKIQDSLSTASAL | 1490. 66 | 25ug | Crude |
| QDSLSTASALGKLQ | 1505. 63 | 25ug | Crude |
| SSTASALGKLQNVVN | 1488. 65 | 25ug | Crude |
| SALGKLQNVVNQNAQ | 1583. 75 | 25ug | Crude |
| KLQNVVNQNAQALNT | 1654. 83 | 25ug | Crude |
| VVNQNAQALNTLVKQ | 1639. 86 | 25ug | Crude |
| NAQALNTLVKQLSSN | 1600. 78 | 25ug | Crude |
| LNTLVKQLSSNFGAI | 1604. 85 | 25ug | Crude |
| VKQLSSNFGAISSVL | 1549. 77 | 25ug | Crude |
| SSNFGAISSVLNDIL | 1536. 69 | 25ug | Crude |
| GAISSVLNDILSRLD | 1572. 77 | 25ug | Crude |
| SVLNDILSRLDKVEA | 1671. 90 | 25ug | Crude |
| DILSRLDKVEAEVQI | 1727. 96 | 25ug | Crude |
| RLDKVEAEVQIDRLI | 1797. 07 | 25ug | Crude |
| VEAEVQIDRLITGRL | 1711. 97 | 25ug | Crude |
| VQIDRLITGRLQSLQ | 1740. 02 | 25ug | Crude |
| RLITGRLQSLQTYVT | 1749. 03 | 25ug | Crude |
| GRLQSLQTYVTQQLI | 1748. 00 | 25ug | Crude |
| SLQTYVTQQLIRAAE | 1720. 93 | 25ug | Crude |
| YVTQQLIRAAEIRAS | 1718. 96 | 25ug | Crude |
| QLIRAAEIRASANLA | 1596. 84 | 25ug | Crude |
| AAEIRASANLAATKM | 1517. 76 | 25ug | Crude |
| RASANLAATKMSECV | 1551. 80 | 25ug | Crude |
| NLAATKMSECVLQGS | 1551. 79 | 25ug | Crude |
| TKMSECVLQSKRVD | 1680. 95 | 25ug | Crude |
| ECVLGQSKRVDFCGK | 1668. 94 | 25ug | Crude |
| GQSKRVDFCGKGYHL | 1694. 92 | 25ug | Crude |
| RVDFCGKGYHLSFP | 1757. 05 | 25ug | Crude |
| CGKGYHLSFPQSAP | 1622. 87 | 25ug | Crude |
| YHLSFPQSAPHGVV | 1669. 91 | 25ug | Crude |
| SFPQSAPHGVVFLHV | 1621. 84 | 25ug | Crude |
| SAPHGVVFLHVTYVP | 1622. 87 | 25ug | Crude |
| GVVFLHVTYVPAQEK | 1686. 96 | 25ug | Crude |
| LHVTYVPAQEKNFTT | 1747. 95 | 25ug | Crude |
| YVPAQEKNFTTAPAI | 1649. 85 | 25ug | Crude |
| QEKNFTTAPAICHDG | 1631. 77 | 25ug | Crude |
| FTTAPAICHDGKAHF | 1615. 82 | 25ug | Crude |

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|------------------|---------|------|-------|
| PAICHDGKAHFPREG | 1634.82 | 25ug | Crude |
| HDGKAHFPREGVFS | 1682.84 | 25ug | Crude |
| AHFPREGVFSNGTH | 1654.79 | 25ug | Crude |
| REGVFSNGTHWFVT | 1735.90 | 25ug | Crude |
| FVSNGTWHWFVTQRNF | 1840.01 | 25ug | Crude |
| GTHWFVTQRNFYEPQ | 1910.06 | 25ug | Crude |
| FVTQRNFYEPQIITT | 1857.08 | 25ug | Crude |
| RNFYEPQIITTDNTF | 1859.01 | 25ug | Crude |
| EPQIITTDNTFVSGN | 1635.73 | 25ug | Crude |
| ITTDNTFVSGNCDVV | 1584.71 | 25ug | Crude |
| NTFVSGNCDVVIGIV | 1536.76 | 25ug | Crude |
| SGNCDVVIGIVNNTV | 1503.68 | 25ug | Crude |
| DVVIGIVNNTVYDPL | 1630.84 | 25ug | Crude |
| GIVNNTVYDPLQPEL | 1671.85 | 25ug | Crude |
| NTVYDPLQPELDSFK | 1765.92 | 25ug | Crude |
| DPLQPELDSFKEELD | 1774.88 | 25ug | Crude |
| PELDSFKEELDKYFK | 1888.09 | 25ug | Crude |
| SFKEELDKYFKNHTS | 1873.04 | 25ug | Crude |
| ELDKYFKNHTSPDVD | 1807.92 | 25ug | Crude |
| YFKNHTSPDVDLGI | 1720.84 | 25ug | Crude |
| HTSPDVDLGDISGIN | 1539.61 | 25ug | Crude |
| DVDLGDISGINASVV | 1473.59 | 25ug | Crude |
| GDISGINASVVNIQK | 1514.69 | 25ug | Crude |
| GINASVVNIQKEIDR | 1655.86 | 25ug | Crude |
| SVVNIQKEIDRLNEV | 1755.98 | 25ug | Crude |
| IQKEIDRLNEVAKNL | 1783.04 | 25ug | Crude |
| IDRLNEVAKNLNESL | 1727.92 | 25ug | Crude |
| NEVAKNLNESLIDLQ | 1699.87 | 25ug | Crude |
| KNLNESLIDLQELGK | 1713.94 | 25ug | Crude |
| ESLIDLQELGKYEQY | 1827.99 | 25ug | Crude |
| DLQELGKYEQYIKWP | 1910.14 | 25ug | Crude |
| LGKYEQYIKWPYIWI | 2073.40 | 25ug | Crude |
| EQYIKWPYIWLGF | 2042.39 | 25ug | Crude |
| KWPYIWLGFIAGLI | 1863.26 | 25ug | Crude |
| YIWLGFIAGLIAIVM | 1680.11 | 25ug | Crude |
| GFIAGLIAIVMVTIM | 1549.00 | 25ug | Crude |
| GLIAIVMVTIMLCCM | 1611.18 | 25ug | Crude |
| IVMVTIMLCCMTSCC | 1651.21 | 25ug | Crude |
| TIMLCCMTSCCCLK | 1640.14 | 25ug | Crude |
| CCMTSCCCLKGCCS | 1531.94 | 25ug | Crude |
| SCCCLKGCCSCGSC | 1443.77 | 25ug | Crude |
| CLKGCCSCGSCCKFD | 1556.90 | 25ug | Crude |
| CCSCGSCCKFDEDDS | 1601.74 | 25ug | Crude |
| GSCCKFDEDDSEPV | 1643.76 | 25ug | Crude |

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| KFDEDDSEPVLKGVK | 1705.87 | 25ug | Crude |
| DDSEPVLKGVKLHYT | 1700.89 | 25ug | Crude |