

CERTIFICATE OF ANALYSIS

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|-----------------------------|---|
| Product Name | SARS-CoV-2 Spike Glycoprotein B.1.1.529-Omicron |
| Cat No. | RP30121 |
| Lot No | E5991922D |
| 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.

Certified by: *Tingting Cai* Date: 04/27/2022

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 |
| LVLLPLVSSQCVNLT | 1598.95 | 25ug | Crude |
| PLVSSQCVNLTRTQ | 1646.87 | 25ug | Crude |
| SQCYNLTTTRTQLPPA | 1628.86 | 25ug | Crude |
| NLTRTQLPPAYTNS | 1676.83 | 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 |
| DLFLPFFSNVTWFHV | 1869.13 | 25ug | Crude |
| PFFSNVTWFHVISGT | 1738.95 | 25ug | Crude |
| NVTWFHVISGTNGTK | 1660.84 | 25ug | Crude |
| FHVISGTNGTKRFDN | 1692.84 | 25ug | Crude |
| SGTNGTKRFDNPVLP | 1602.75 | 25ug | Crude |
| GTKRFDNPVLPFNDG | 1676.84 | 25ug | Crude |
| FDNPVLPFNDGVYFA | 1714.88 | 25ug | Crude |
| VLPFNDGVYFASIEK | 1698.92 | 25ug | Crude |
| NDGVYFASIEKSNI | 1669.84 | 25ug | Crude |
| YFASIEKSNIIRGWI | 1797.07 | 25ug | Crude |
| IEKSNIIRGWIFGTT | 1735.00 | 25ug | Crude |
| NIIRGWIFGTTLDSK | 1720.97 | 25ug | Crude |
| GWIFGTTLDSKTQSL | 1653.84 | 25ug | Crude |
| GTTLDSKTQSLLIVN | 1589.79 | 25ug | Crude |
| DSKTQSLLIVNNATN | 1617.76 | 25ug | Crude |
| QSLLIVNNATNVVIK | 1625.92 | 25ug | Crude |
| IVNNATNVVIKVCEF | 1662.96 | 25ug | Crude |
| ATNVVIKVCEFQFCN | 1715.01 | 25ug | Crude |
| VIKVCEFQFCNDPFL | 1802.13 | 25ug | Crude |
| CEFQFCNDPFLDHKN | 1857.04 | 25ug | Crude |
| FCNDPFLDHKNKSW | 1865.04 | 25ug | Crude |
| PFLDHKNKSWMESE | 1862.04 | 25ug | Crude |
| HKNNKSWMESEFRVY | 1955.17 | 25ug | Crude |
| KSWMESEFRVYSSAN | 1820.98 | 25ug | Crude |
| ESEFRVYSSANNCTF | 1753.85 | 25ug | Crude |
| RVYSSANNCTFEYVS | 1739.87 | 25ug | Crude |
| SANNCTFEYVSPFL | 1719.88 | 25ug | Crude |
| CTFEYVSPFLMDLE | 1822.07 | 25ug | Crude |
| YVSPFLMDLEGKQG | 1711.94 | 25ug | Crude |
| PFLMDLEGKQGNFKN | 1737.98 | 25ug | Crude |
| DLEGKQGNFKNLREF | 1794.97 | 25ug | Crude |
| KQGNFKNLREFVFKN | 1869.14 | 25ug | Crude |
| FKNLREFVFKNIDGY | 1890.15 | 25ug | Crude |
| REFVFKNIDGYFKIY | 1939.23 | 25ug | Crude |
| FKNIDGYFKIYSKHT | 1861.11 | 25ug | Crude |
| DGYFKIYSKHTPIIV | 1781.07 | 25ug | Crude |
| KIYSKHTPIIVREPE | 1810.11 | 25ug | Crude |
| KHTPIIVREPDLQP | 1772.02 | 25ug | Crude |
| IIVREPDLQPQFSA | 1670.87 | 25ug | Crude |

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| EPEDLPQGFSALEPL | 1641.78 | 25ug | Crude |
| LPQGFSALEPLVDLP | 1595.84 | 25ug | Crude |
| FSALEPLVDLPIGIN | 1597.86 | 25ug | Crude |
| EPLVDLPIGINITRF | 1696.99 | 25ug | Crude |
| DLPIGINITRFQTL | 1714.02 | 25ug | Crude |
| GINITRFQTLALHR | 1753.07 | 25ug | Crude |
| TRFQTLALHRSYLT | 1820.11 | 25ug | Crude |
| TLLALHRSYLTPGDS | 1643.85 | 25ug | Crude |
| LHRSYLTPGDSSSGW | 1662.77 | 25ug | Crude |
| YLTPGDSSSGWTAGA | 1469.52 | 25ug | Crude |
| GDSSSGWTAGAAAYY | 1463.47 | 25ug | Crude |
| SGWTAGAAAYYVGYL | 1549.69 | 25ug | Crude |
| AGAAAYYVGYLQPRT | 1600.78 | 25ug | Crude |
| AYYVGYLQPRTFLLK | 1832.16 | 25ug | Crude |
| GYLQPRTFLLKYNEN | 1856.09 | 25ug | Crude |
| PRTFLLKYNENGTIT | 1767.00 | 25ug | Crude |
| LLKYNENGTITDAVD | 1665.80 | 25ug | Crude |
| NENGTITDAVDCALD | 1550.61 | 25ug | Crude |
| TITDAVDCALDPLSE | 1562.70 | 25ug | Crude |
| AVDCALDPLSETKCT | 1565.77 | 25ug | Crude |
| ALDPLSETKCTLSF | 1652.92 | 25ug | Crude |
| LSETKCTLSFTVEK | 1714.00 | 25ug | Crude |
| KCTLSFTVEKGIYQ | 1745.06 | 25ug | Crude |
| KSFTVEKGIYQTSNF | 1748.94 | 25ug | Crude |
| VEKGIYQTSNFRVQP | 1765.97 | 25ug | Crude |
| IYQTSNFRVQPTESE | 1782.96 | 25ug | Crude |
| SNFRVQPTESEIVRFP | 1777.00 | 25ug | Crude |
| VQPTESEIVRFPNITN | 1714.92 | 25ug | Crude |
| ESIVRFPNITNLCPF | 1750.04 | 25ug | Crude |
| RFPNITNLCPFDEVF | 1812.06 | 25ug | Crude |
| ITNLCPFDEVFNATR | 1739.95 | 25ug | Crude |
| CPFDEVFNATRFASV | 1702.89 | 25ug | Crude |
| EVFNATRFASVYAWN | 1774.94 | 25ug | Crude |
| ATRFASVYAWNRKRI | 1839.12 | 25ug | Crude |
| ASVYAWNRKRISNCV | 1767.03 | 25ug | Crude |
| AWNRKRISNCVADYS | 1782.99 | 25ug | Crude |
| KRISNCVADYSVLYN | 1744.97 | 25ug | Crude |
| NCVADYSVLYNLAPF | 1688.91 | 25ug | Crude |
| DYSVLYNLAPFFTFK | 1825.08 | 25ug | Crude |
| LYNLAPFFTFKCYGV | 1783.11 | 25ug | Crude |
| APFFTFKCYGVSPK | 1692.98 | 25ug | Crude |
| TFKCYGVSPKLNLD | 1685.95 | 25ug | Crude |
| YGVSPKLNLDLCFTN | 1671.88 | 25ug | Crude |
| PKLNLDLCFTNVYAD | 1713.91 | 25ug | Crude |
| NLDLCFTNVYADSFVI | 1720.90 | 25ug | Crude |
| FTNVYADSFVIRGDE | 1732.85 | 25ug | Crude |

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| YADSFVIRGDEVRQI | 1767.94 | 25ug | Crude |
| FVIRGDEVRQIAPGQ | 1684.90 | 25ug | Crude |
| GDEVRQIAPGQTGNI | 1554.67 | 25ug | Crude |
| RQIAPGQTGNIADYN | 1617.73 | 25ug | Crude |
| PGQTGNIADYNYKLP | 1650.79 | 25ug | Crude |
| GNIADYNYKLPDDFT | 1745.85 | 25ug | Crude |
| DYNYKLPDDFTGCVI | 1762.94 | 25ug | Crude |
| KLPDDFTGCVIAWNS | 1665.87 | 25ug | Crude |
| DFTGCVIAWNSNKLD | 1682.86 | 25ug | Crude |
| CVIAWNSNKLDSKVS | 1663.90 | 25ug | Crude |
| WNSNKLDSKVSIGNYN | 1725.82 | 25ug | Crude |
| KLDSKVSIGNYNYLYR | 1820.02 | 25ug | Crude |
| KVSGNYNYLYRLFRK | 1921.21 | 25ug | Crude |
| NYNYLYRLFRKSNLK | 1992.29 | 25ug | Crude |
| LYRLFRKSNLKPFR | 1967.33 | 25ug | Crude |
| FRKSNLKPFRDIST | 1838.08 | 25ug | Crude |
| NLKPFRDISTEIYQ | 1853.05 | 25ug | Crude |
| FERDISTEIYQAGNK | 1770.90 | 25ug | Crude |
| ISTEIYQAGNKPCNG | 1594.75 | 25ug | Crude |
| IYQAGNKPCNGVAGF | 1538.73 | 25ug | Crude |
| GNKPCNGVAGFNCFY | 1590.79 | 25ug | Crude |
| CNGVAGFNCFYPLRS | 1647.88 | 25ug | Crude |
| AGFNCFYPLRSYSFR | 1828.07 | 25ug | Crude |
| CYFPLRSYSFRPTYG | 1857.10 | 25ug | Crude |
| LRSYSFRPTYGVGHQ | 1767.95 | 25ug | Crude |
| SFRPTYGVGHQPYRV | 1763.96 | 25ug | Crude |
| TYGVGHQPYRVVLS | 1674.91 | 25ug | Crude |
| GHQPYRVVLSFELL | 1757.05 | 25ug | Crude |
| YRVVLSFELLHAPA | 1714.02 | 25ug | Crude |
| VLSFELLHAPATVCG | 1556.83 | 25ug | Crude |
| ELLHAPATVCGPKKS | 1550.83 | 25ug | Crude |
| APATVCGPKKSTNLV | 1485.76 | 25ug | Crude |
| VCGPKKSTNLVKNKC | 1618.97 | 25ug | Crude |
| KKSTNLVKNKCVNFN | 1737.04 | 25ug | Crude |
| NLVKNKCVNFNFNGL | 1724.00 | 25ug | Crude |
| NKCVNFNFNGLKGTG | 1612.82 | 25ug | Crude |
| NFNFNGLKGTGVLTE | 1610.77 | 25ug | Crude |
| NGLKGTGVLTESNKK | 1545.74 | 25ug | Crude |
| GTGVLTESNKKFLPF | 1637.88 | 25ug | Crude |
| LTESNKKFLPFQFG | 1784.03 | 25ug | Crude |
| NKKFLPFQFGRDIA | 1809.08 | 25ug | Crude |
| LPFQFGRDIADTTD | 1723.85 | 25ug | Crude |
| QFGRDIADTTDAVRD | 1679.75 | 25ug | Crude |
| DIADTTDAVRDPQTL | 1630.72 | 25ug | Crude |
| TTDAVRDPQTLLEILD | 1686.82 | 25ug | Crude |
| VRDPQTLLEILDITPC | 1712.97 | 25ug | Crude |

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| QTLEILDITPCSFEGG | 1593.80 | 25ug | Crude |
| ILDITPCSFEGGVSVI | 1520.80 | 25ug | Crude |
| TPCSFEGGVSITPGT | 1422.61 | 25ug | Crude |
| FGGVSVITPGTNTSN | 1450.56 | 25ug | Crude |
| SVITPGTNTSNQVAV | 1487.62 | 25ug | Crude |
| PGTNTSNQVAVLYQG | 1548.66 | 25ug | Crude |
| TSNQVAVLYQGVNCT | 1596.77 | 25ug | Crude |
| VAVLYQGVNCTEVPV | 1590.85 | 25ug | Crude |
| YQGVNCTEVPVAIHA | 1600.80 | 25ug | Crude |
| NCTEVPVAIHADQLT | 1610.80 | 25ug | Crude |
| VPVAIHADQLTPTWR | 1703.95 | 25ug | Crude |
| IHADQLTPTWRVYST | 1787.98 | 25ug | Crude |
| QLTPTWRVYSTGSNV | 1708.88 | 25ug | Crude |
| TWRVYSTGSNVFQTR | 1801.96 | 25ug | Crude |
| Subpool 2 | | | |
| Sequence | MW | Quantity | Purity |
| YSTGSNVFQTRAGCL | 1603.76 | 25ug | Crude |
| SNVFQTRAGCLIGAE | 1565.76 | 25ug | Crude |
| QTRAGCLIGAEYVNN | 1608.78 | 25ug | Crude |
| GCLIGAEYVNNSEYEC | 1634.79 | 25ug | Crude |
| GAEYVNNSEYECDIPI | 1686.80 | 25ug | Crude |
| VNNSYECDIPIGAGI | 1564.72 | 25ug | Crude |
| YECDIPIGAGICASY | 1574.78 | 25ug | Crude |
| IPIGAGICASYQTQT | 1522.73 | 25ug | Crude |
| AGICASYQTQTKSHR | 1650.82 | 25ug | Crude |
| ASYQTQTKSHRRARS | 1776.92 | 25ug | Crude |
| TQTKSHRRARSVASQ | 1712.88 | 25ug | Crude |
| SHRRARSVASQSIIA | 1638.84 | 25ug | Crude |
| ARSVASQSIIAYTMS | 1584.80 | 25ug | Crude |
| ASQSIIAYTMSLGAE | 1541.73 | 25ug | Crude |
| IIAYTMSLGAENSVA | 1539.76 | 25ug | Crude |
| TMSLGAENSVAYSNN | 1557.65 | 25ug | Crude |
| GAENSVAYSNNNSIAI | 1509.58 | 25ug | Crude |
| SVAYSNNNSIAIPTNF | 1597.73 | 25ug | Crude |
| SNNSIAIPTNFTISV | 1577.74 | 25ug | Crude |
| IAIPTNFTISVTTEI | 1619.86 | 25ug | Crude |
| TNFTISVTTEILPVS | 1621.83 | 25ug | Crude |
| ISVTTEILPVSMTKT | 1619.93 | 25ug | Crude |
| TEILPVSMTKTSVDC | 1623.90 | 25ug | Crude |
| PVSMTKTSVDCTMYI | 1675.99 | 25ug | Crude |
| TKTSVDCTMYICGDS | 1623.83 | 25ug | Crude |
| VDCTMYICGDSTECS | 1626.81 | 25ug | Crude |
| MYICGDSTECSNLLL | 1661.92 | 25ug | Crude |
| GDSTECSNLLLQYGS | 1586.68 | 25ug | Crude |
| ECSNLLLQYGSFCTQ | 1705.92 | 25ug | Crude |
| LLLQYGSFCTQLKRA | 1741.07 | 25ug | Crude |

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| YGSFCTQLKRALTGI | 1657.94 | 25ug | Crude |
| CTQLKRALTGIAVEQ | 1630.92 | 25ug | Crude |
| KRALTGIAVEQDKNT | 1643.85 | 25ug | Crude |
| TGIAVEQDKNTQEVF | 1678.80 | 25ug | Crude |
| VEQDKNTQEVFAQVK | 1762.92 | 25ug | Crude |
| KNTQEVFAQVKQIYK | 1824.09 | 25ug | Crude |
| EVFAQVKQIYKTPPI | 1761.08 | 25ug | Crude |
| QVKQIYKTPPIKYFG | 1810.15 | 25ug | Crude |
| IYKTPPIKYFGGFNF | 1792.09 | 25ug | Crude |
| PPIKYFGGFNFSQIL | 1728.01 | 25ug | Crude |
| YFGGFNFSQILPDPS | 1688.84 | 25ug | Crude |
| FNFSQILPDPSKPSK | 1704.93 | 25ug | Crude |
| QILPDPSKPSKRSFI | 1713.00 | 25ug | Crude |
| DPSKPSKRSFIEDLL | 1731.95 | 25ug | Crude |
| PSKRSFIEDLLFNKV | 1793.08 | 25ug | Crude |
| SFIEDLLFNKVTLAD | 1724.96 | 25ug | Crude |
| DLLFNKVTLADAGFI | 1636.89 | 25ug | Crude |
| NKVTLADAGFIKQYG | 1624.84 | 25ug | Crude |
| LADAGFIKQYGDCLG | 1570.77 | 25ug | Crude |
| GFIKQYGDCLGDIAA | 1570.77 | 25ug | Crude |
| QYGDCLGDIAARDLI | 1622.81 | 25ug | Crude |
| CLGDIAARDLICAQK | 1589.89 | 25ug | Crude |
| IAARDLICAQKFKGL | 1647.00 | 25ug | Crude |
| DLICAQKFKGLTVLP | 1646.01 | 25ug | Crude |
| AQKFKGLTVLPPLLT | 1626.00 | 25ug | Crude |
| KGLTVLPPLLTDEMI | 1640.00 | 25ug | Crude |
| VLPPLLTDEMIAQYT | 1704.00 | 25ug | Crude |
| LLTDEMIAQYTSALL | 1681.95 | 25ug | Crude |
| EMIAQYTSALLAGTI | 1581.84 | 25ug | Crude |
| QYTSALLAGTITSGW | 1568.73 | 25ug | Crude |
| ALLAGTITSGWTFGA | 1465.66 | 25ug | Crude |
| GTITSGWTFGAGAAL | 1409.55 | 25ug | Crude |
| SGWTFGAGAALQIPF | 1522.71 | 25ug | Crude |
| FGAGAALQIPFAMQM | 1552.87 | 25ug | Crude |
| AALQIPFAMQMAYRF | 1758.12 | 25ug | Crude |
| IPFAMQMAYRFNGIG | 1716.04 | 25ug | Crude |
| MQMAYRFNGIGVTQN | 1729.99 | 25ug | Crude |
| YRFNGIGVTQNVLYE | 1772.96 | 25ug | Crude |
| GIGVTQNVLYENQKL | 1675.89 | 25ug | Crude |
| TQNVLYENQKLIANQ | 1775.96 | 25ug | Crude |
| LYENQKLIANQFNSA | 1752.93 | 25ug | Crude |
| QKLIANQFNSAIGKI | 1644.92 | 25ug | Crude |
| ANQFNSAIGKIQDSL | 1605.76 | 25ug | Crude |
| NSAIGKIQDSLSTA | 1491.61 | 25ug | Crude |
| GKIQDSLSTASALG | 1434.56 | 25ug | Crude |
| DSLSTASALGKLQD | 1492.59 | 25ug | Crude |

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|------------------|---------|------|-------|
| STASALGKLQDVVNH | 1539.70 | 25ug | Crude |
| ALGKLQDVVNHNAQA | 1577.75 | 25ug | Crude |
| LQDVVNHNAQALNTL | 1649.81 | 25ug | Crude |
| VNHNAQALNTLVKQL | 1662.90 | 25ug | Crude |
| AQALNTLVKQLSSKF | 1647.92 | 25ug | Crude |
| NTLVKQLSSKFGAIS | 1592.84 | 25ug | Crude |
| KQLSSKFGAISSVLN | 1578.82 | 25ug | Crude |
| SKFGAISSVLNDIFS | 1584.78 | 25ug | Crude |
| AISSVLNDIFSRLDK | 1677.90 | 25ug | Crude |
| VLNDIFSRLDKVEAE | 1747.95 | 25ug | Crude |
| IFSRLDKVEAEVQID | 1761.98 | 25ug | Crude |
| LDKVEAEVQIDRLIT | 1741.99 | 25ug | Crude |
| EAEVQIDRLITGRLQ | 1740.96 | 25ug | Crude |
| QIDRLITGRLQSLQT | 1741.99 | 25ug | Crude |
| LITGRLQSLQTYVTQ | 1720.97 | 25ug | Crude |
| RLQSLQTYVTQQLIR | 1847.13 | 25ug | Crude |
| LQTYVTQQLIRAAEI | 1747.01 | 25ug | Crude |
| VTQQLIRAAEIRASA | 1626.86 | 25ug | Crude |
| LIRAAEIRASANLAA | 1539.79 | 25ug | Crude |
| AEIRASANLAATKMS | 1533.76 | 25ug | Crude |
| ASANLAATKMSECVL | 1508.77 | 25ug | Crude |
| LAATKMSECVLGQSK | 1565.86 | 25ug | Crude |
| KMSECVLGQSKRVDF | 1727.02 | 25ug | Crude |
| CVLGQSKRVDFCGKG | 1596.88 | 25ug | Crude |
| QSKRVDFCGKGYHLM | 1769.07 | 25ug | Crude |
| VDFCGKGYHLMSEFPQ | 1729.00 | 25ug | Crude |
| GKGYHLMSEFPQSAPH | 1656.87 | 25ug | Crude |
| HLMSEFPQSAPHGVVF | 1653.91 | 25ug | Crude |
| FPQSAPHGVVFLHVT | 1635.87 | 25ug | Crude |
| APHGVVFLHVTVVPA | 1606.87 | 25ug | Crude |
| VVFLHVTVVPAQEKN | 1744.01 | 25ug | Crude |
| HVTVVPAQEKNFTTA | 1705.87 | 25ug | Crude |
| VPAQEKNFTTAPAIC | 1589.82 | 25ug | Crude |
| EKNFTTAPAICHDGK | 1631.82 | 25ug | Crude |
| TTAPAICHDGKAHFP | 1565.76 | 25ug | Crude |
| AICHDGKAHFREGV | 1636.84 | 25ug | Crude |
| DGKAHFREGVFSN | 1659.81 | 25ug | Crude |
| HFPREGVFSNGTHW | 1769.92 | 25ug | Crude |
| EGVFSNGTHWFTVQ | 1707.85 | 25ug | Crude |
| VSNGTHWFTVQRNFY | 1856.01 | 25ug | Crude |
| THWFTVQRNFYEPQI | 1966.17 | 25ug | Crude |
| VTQRNFYEPQIITTD | 1824.99 | 25ug | Crude |
| NFYEPQIITTDNTFV | 1801.95 | 25ug | Crude |
| PQIITTDNTFVSGNC | 1609.76 | 25ug | Crude |
| TTDNTFVSGNCDVVI | 1584.71 | 25ug | Crude |
| TFVSGNCDVVIIVN | 1536.76 | 25ug | Crude |

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|-----------------|---------|------|-------|
| GNCVVIGIVNNTVY | 1579.78 | 25ug | Crude |
| VVIGIVNNTVYDPLQ | 1643.89 | 25ug | Crude |
| IVNNTVYDPLQPELD | 1729.89 | 25ug | Crude |
| TVYDPLQPELDSFKE | 1780.93 | 25ug | Crude |
| PLQPELDSFKEELDK | 1787.97 | 25ug | Crude |
| ELDSFKEELDKYFKN | 1905.07 | 25ug | Crude |
| FKEELDKYFKNHTSP | 1883.07 | 25ug | Crude |
| LDKYFKNHTSPDVDL | 1791.96 | 25ug | Crude |
| FKNHTSPDVDLGDIS | 1644.75 | 25ug | Crude |
| TSPDVDLGDISGINA | 1473.55 | 25ug | Crude |
| VDLGDISGINASVVN | 1472.60 | 25ug | Crude |
| DISGINASVVNIQKE | 1586.75 | 25ug | Crude |
| INASVVNIQKEIDRL | 1711.97 | 25ug | Crude |
| VVNIQKEIDRLNEVA | 1739.98 | 25ug | Crude |
| QKEIDRLNEVAKNLN | 1783.99 | 25ug | Crude |
| DRLNEVAKNLNESLI | 1727.92 | 25ug | Crude |
| EVAKNLNESLIDLQE | 1714.88 | 25ug | Crude |
| NLNESLIDLQELGKY | 1748.94 | 25ug | Crude |
| SLIDLQELGKYEQYI | 1812.03 | 25ug | Crude |
| LQELGKYEQYIKWPW | 1981.26 | 25ug | Crude |
| GKYEQYIKWPWYIWL | 2073.40 | 25ug | Crude |
| QYIKWPWYIWLGFIA | 1984.35 | 25ug | Crude |
| WPWYIWLGFIAGLIA | 1806.16 | 25ug | Crude |
| IWLGFIAGLIAIVMV | 1616.07 | 25ug | Crude |
| FIAGLIAIVMVTIML | 1605.11 | 25ug | Crude |
| LIAIVMVTIMLCCMT | 1655.24 | 25ug | Crude |
| VMVTIMLCCMTSCCS | 1625.13 | 25ug | Crude |
| IMLCCMTSCCSCLKG | 1596.09 | 25ug | Crude |
| CMTSCCSCLKGCCSC | 1531.94 | 25ug | Crude |
| CCSCLKGCCSCGSCC | 1459.83 | 25ug | Crude |
| LKGCCSCGSCCKFDE | 1582.87 | 25ug | Crude |
| CSCGSCCKFDEDDSE | 1627.72 | 25ug | Crude |
| SCCKFDEDDSEPVLK | 1714.88 | 25ug | Crude |
| FDEDDSEPVLKGVKL | 1690.85 | 25ug | Crude |
| DSEPVLKGVKLHYT | 1585.81 | 25ug | Crude |