

CERTIFICATE OF ANALYSIS

Product Name	SARS-CoV-2 Spike Glycoprotein-90% purity
Cat No.	RP30027-CN
Lot No	E8018023B
Sequence	See appendix for details
Modification	N/A
Size	Subpool 1: 3.95mg and Subpool 2: 3.95mg
Storage	-20°C
Recommended Solvent*	Dimethyl sulfoxide(Analytical grade)
HPLC purity	≥90.0%
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: 02/21/2023

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Appendix:

Subpool 1			
Sequence	MW	Quantity	Purity
MFVFLVLLPLVSSQC	1696.13	25ug	≥90.0%
LVLLPLVSSQCVNLT	1598.95	25ug	≥90.0%
PLVSSQCVNLTTTRTQ	1646.87	25ug	≥90.0%
SQCVNLTTTRTQLPPA	1628.86	25ug	≥90.0%
NLTTTRTQLPPAYTNS	1676.83	25ug	≥90.0%
RTQLPPAYTNSFTRG	1708.88	25ug	≥90.0%

PPAYTNSFTRGVVYP	1732.90	25ug	≥90.0%
TNSFTRGVVYPDKVF	1793.98	25ug	≥90.0%
TRGVVYPDKVFRSSV	1773.99	25ug	≥90.0%
YYPDKVFRSSVLHST	1799.00	25ug	≥90.0%
KVFRSSVLHSTQDLF	1764.00	25ug	≥90.0%
SSVLHSTQDLFLPFF	1737.96	25ug	≥90.0%
HSTQDLFLPFFSNVT	1752.93	25ug	≥90.0%
DLFLPFFSNVTWFHA	1841.08	25ug	≥90.0%
PFFSNVTWFHAIHVS	1789.01	25ug	≥90.0%
NVTWFHAIHVSGTNG	1639.78	25ug	≥90.0%
FHAIHVSGTNGTKRF	1671.86	25ug	≥90.0%
HVSGTNGTKRFDNPV	1628.75	25ug	≥90.0%
TNGTKRFDNPVLPFN	1719.90	25ug	≥90.0%
KRFDNPVLPFNDGVY	1780.98	25ug	≥90.0%
NPVLPFNDGVYFAST	1640.80	25ug	≥90.0%
PFNDGVYFASTEKSN	1675.76	25ug	≥90.0%
GVYFASTEKSNIIRG	1641.83	25ug	≥90.0%
ASTEKSNIIRGWIFG	1678.89	25ug	≥90.0%
KSNIIRGWIFGTTLD	1720.97	25ug	≥90.0%
IRGWIFGTTLDSKTQ	1722.95	25ug	≥90.0%
IFGTTLDSKTQSLLI	1636.89	25ug	≥90.0%
TLDSKTQSLLIVNNA	1616.82	25ug	≥90.0%
KTQSLLIVNNAVNVV	1613.86	25ug	≥90.0%
LLIVNNAVNVVIKVC	1612.98	25ug	≥90.0%
NNATNVVIKVCEFAQF	1725.97	25ug	≥90.0%
NVVIKVCEFAQCNDP	1755.03	25ug	≥90.0%
KVCEFAQCNDPFLGV	1746.02	25ug	≥90.0%
FQFCNDPFLGVVYHK	1878.12	25ug	≥90.0%
NDPFLGVVYHKNNKS	1795.96	25ug	≥90.0%
LGVVYHKNNKSWMES	1856.07	25ug	≥90.0%
YHKNNKSWMESEFRV	1955.17	25ug	≥90.0%
NKSWMESEFRVYSSA	1820.98	25ug	≥90.0%
MESEFRVYSSANNCT	1737.87	25ug	≥90.0%
FRVYSSANNCTFEYV	1799.96	25ug	≥90.0%
SSANNCTFEYVSQPF	1693.80	25ug	≥90.0%
NCTFEYVSQPFMDL	1807.06	25ug	≥90.0%
EYVSQPFMDLEGKQ	1784.00	25ug	≥90.0%
QPFMDLEGKQGNFK	1752.01	25ug	≥90.0%
MDLEGKQGNFKNLRE	1778.99	25ug	≥90.0%
GKQGNFKNLREFVFK	1812.09	25ug	≥90.0%
NFKNLREFVFKNIDG	1841.08	25ug	≥90.0%
LREFVFKNIDGYFKI	1889.21	25ug	≥90.0%
VFKNIDGYFKIYSKH	1859.14	25ug	≥90.0%
IDGYFKIYSKHTPIN	1796.04	25ug	≥90.0%
FKIYSKHTPINLVRD	1831.13	25ug	≥90.0%
SKHTPINLVRDLPQG	1674.91	25ug	≥90.0%
PINLVRDLPQGFSAL	1639.90	25ug	≥90.0%
VRDLPQGFSALEPLV	1640.89	25ug	≥90.0%

PQGFSALEPLVDLPI	1595.84	25ug	≥90.0%
SALEPLVDLPIGINI	1563.84	25ug	≥90.0%
PLVDLPIGINITRFQ	1696.01	25ug	≥90.0%
LPIGINITRFQTLA	1670.01	25ug	≥90.0%
INITRFQTLALHRS	1783.09	25ug	≥90.0%
RFQTLALHRSYLTP	1816.12	25ug	≥90.0%
LLALHRSYLTPGDSS	1629.82	25ug	≥90.0%
HRSYLTPGDSSSGWT	1650.71	25ug	≥90.0%
LTPGDSSSGWTAGAA	1377.42	25ug	≥90.0%
DSSSGWTAGAAAYV	1505.55	25ug	≥90.0%
GWTAGAAAYVGYLQ	1590.74	25ug	≥90.0%
GAAAYVGYLQPRTF	1676.88	25ug	≥90.0%
YYVGYLQPRTFLLKY	1924.25	25ug	≥90.0%
YLQPRTFLLKYNENG	1856.09	25ug	≥90.0%
RTFLLKYNENGTITD	1784.97	25ug	≥90.0%
LKYNENGTITDAVDC	1655.79	25ug	≥90.0%
ENGTITDAVDCALDP	1533.62	25ug	≥90.0%
ITDAVDCALDPLSET	1562.70	25ug	≥90.0%
VDCALDPLSETKCTL	1607.85	25ug	≥90.0%
LDPLSETKCTLKSFT	1682.94	25ug	≥90.0%
SETKCTLKSFTVEKG	1657.89	25ug	≥90.0%
CTLKSFTVEKGIYQT	1717.99	25ug	≥90.0%
SFTVEKGIYQTSNFR	1776.95	25ug	≥90.0%
EKGIYQTSNFRVQPT	1767.94	25ug	≥90.0%
YQTSNFRVQPTESIV	1768.93	25ug	≥90.0%
NFRVQPTESIVRFPN	1804.02	25ug	≥90.0%
QPTESIVRFPNITNL	1728.95	25ug	≥90.0%
SIVRFPNITNLCPFG	1677.97	25ug	≥90.0%
FPNITNLCPFGEVFN	1711.94	25ug	≥90.0%
TNLCPFGEVFNATRF	1715.93	25ug	≥90.0%
PFGEVFNATRFASVY	1704.89	25ug	≥90.0%
VFNATRFASVYAWNR	1802.01	25ug	≥90.0%
TRFASVYAWNRKRIS	1855.12	25ug	≥90.0%
SVYAWNRKRISNCVA	1767.03	25ug	≥90.0%
WNRKRISNCVADYSV	1811.04	25ug	≥90.0%
RISNCVADYSVLYNS	1703.88	25ug	≥90.0%
CVADYSVLYNSASFS	1625.76	25ug	≥90.0%
YSVLYNSASFSTFKC	1716.92	25ug	≥90.0%
YNSASFSTFKCYGVS	1660.81	25ug	≥90.0%
SFSTFKCYGVSPTKL	1664.93	25ug	≥90.0%
FKCYGVSPTKLNDLC	1687.99	25ug	≥90.0%
GVSPTKLNDLCFTNV	1607.83	25ug	≥90.0%
TKLNDLCFTNVYADS	1703.88	25ug	≥90.0%
DLCFTNVYADSFVIR	1762.99	25ug	≥90.0%
TNVYADSFVIRGDEV	1684.81	25ug	≥90.0%
ADSFVIRGDEVQRQA	1675.85	25ug	≥90.0%
VIRGDEVQRQAIPGQT	1638.83	25ug	≥90.0%
DEVQRQAIPGQTGKIA	1582.76	25ug	≥90.0%

QIAPGQTGKIADYNY	1638.78	25ug	≥90.0%
GQTGKIADYNYKLPD	1682.84	25ug	≥90.0%
KIADYNYKLPDDFTG	1759.92	25ug	≥90.0%
YNYKLPDDFTGCVIA	1718.93	25ug	≥90.0%
LPDDFTGCVIAWNSN	1651.80	25ug	≥90.0%
FTGCVIAWNSNNLDS	1640.78	25ug	≥90.0%
VIAWNSNNLDSKVG	1573.71	25ug	≥90.0%
NSNNLDSKVGNYNY	1658.69	25ug	≥90.0%
LDSKVGGNYNYLYRL	1774.98	25ug	≥90.0%
VGGNYNYLYRLFRKS	1850.09	25ug	≥90.0%
YNYLYRLFRKSNLKP	1975.31	25ug	≥90.0%
YRLFRKSNLKPFERD	1969.26	25ug	≥90.0%
RKSNLKPFERDISTE	1820.02	25ug	≥90.0%
LKPFERDISTEIQ	1810.02	25ug	≥90.0%
ERDISTEIQAGSTP	1666.75	25ug	≥90.0%
STEIQAGSTPCNGV	1526.63	25ug	≥90.0%
YQAGSTPCNGVEGFN	1543.62	25ug	≥90.0%
STPCNGVEGFNCYFP	1634.80	25ug	≥90.0%
NGVEGFNCYFPLQSY	1737.89	25ug	≥90.0%
GFNCYFPLQSYGFQP	1767.96	25ug	≥90.0%
YFPLQSYGFQPTNGV	1717.88	25ug	≥90.0%
QSYGFQPTNGVGYQP	1642.73	25ug	≥90.0%
FQPTNGVGYQPYRVV	1724.92	25ug	≥90.0%
NGVGYQPYRVVLSF	1697.94	25ug	≥90.0%
YQPYRVVLSFELLH	1863.17	25ug	≥90.0%
RVVLSFELLHAPAT	1651.95	25ug	≥90.0%
LSFELLHAPATVCGP	1554.82	25ug	≥90.0%
LLHAPATVCGPKKST	1522.82	25ug	≥90.0%
PATVCGPKKSTNLVK	1542.85	25ug	≥90.0%
CGPKKSTNLVKNKCV	1618.97	25ug	≥90.0%
KSTNLVKNKCVNFNF	1756.04	25ug	≥90.0%
LVKNKCVNFNFNGLT	1711.00	25ug	≥90.0%
KCVNFNFNGLTGTGV	1570.78	25ug	≥90.0%
FNFNGLTGTGVLTES	1556.68	25ug	≥90.0%
GLTGTGVLTESNKKF	1551.75	25ug	≥90.0%
TGVLTESNKKFLPFQ	1708.96	25ug	≥90.0%
TESNKKFLPFQQFGR	1827.06	25ug	≥90.0%
KKFLPFQQFGRDIAD	1810.07	25ug	≥90.0%
PFQQFGRDIADTTDA	1681.76	25ug	≥90.0%
FGRDIADTTDAVRDP	1648.74	25ug	≥90.0%
IADTTDAVRDPQTLE	1644.74	25ug	≥90.0%
TDAVRDPQTLEILDI	1698.88	25ug	≥90.0%
RDPQTLEILDITPCS	1700.92	25ug	≥90.0%
TLEILDITPCSFGGV	1564.81	25ug	≥90.0%
LDITPCSFGGVSVIT	1508.74	25ug	≥90.0%
PCSFGGVSVITPGTN	1435.61	25ug	≥90.0%
GGVSVITPGTNTSNQ	1431.51	25ug	≥90.0%
VITPGTNTSNQVAVL	1513.70	25ug	≥90.0%

GTNTSNQVAVLYQDV	1608.71	25ug	≥90.0%
SNQVAVLYQDVNCTE	1682.81	25ug	≥90.0%
AVLYQDVNCTEVPVA	1620.83	25ug	≥90.0%
QDVNCTEVPVAIHAD	1610.75	25ug	≥90.0%
CTEVPVAIHADQLTP	1593.81	25ug	≥90.0%
PVAIHADQLTPTWRV	1703.95	25ug	≥90.0%
HADQLTPTWRVYSTG	1731.87	25ug	≥90.0%
LTPTWRVYSTGSNVF	1727.92	25ug	≥90.0%
Subpool 2			
Sequence	MW	Quantity	Purity
WRVYSTGSNVFQTRA	1771.94	25ug	≥90.0%
STGSNVFQTRAGCLI	1553.75	25ug	≥90.0%
NVFQTRAGCLIGAEH	1615.82	25ug	≥90.0%
TRAGCLIGAEHVNNS	1541.70	25ug	≥90.0%
CLIGAEHVNNSYECD	1666.80	25ug	≥90.0%
AEHVNNSYECDIPIG	1660.77	25ug	≥90.0%
NNSYECDIPIGAGIC	1568.73	25ug	≥90.0%
ECDIPIGAGICASYQ	1539.74	25ug	≥90.0%
PIGAGICASYQTQTN	1523.67	25ug	≥90.0%
GICASYQTQTNSPRR	1681.84	25ug	≥90.0%
SYQTQTNSPRRARSV	1750.88	25ug	≥90.0%
QTNSPRRARSVASQS	1644.76	25ug	≥90.0%
PRRARSVASQSIIAY	1674.91	25ug	≥90.0%
RSVASQSIIAYTMSL	1626.88	25ug	≥90.0%
SQSIIAYTMSLGAEN	1584.75	25ug	≥90.0%
IAYTMSLGAENSVAY	1589.77	25ug	≥90.0%
MSLGAENSVAYSNNS	1543.62	25ug	≥90.0%
AENSVAYSNNSIAIP	1549.64	25ug	≥90.0%
VAYSNNSIAIPTNFT	1611.76	25ug	≥90.0%
NNSIAIPTNFTISVT	1591.77	25ug	≥90.0%
AIPTNFTISVTTEIL	1619.86	25ug	≥90.0%
NFTISVTTEILPVSM	1651.93	25ug	≥90.0%
SVTTEILPVSMTKTS	1593.85	25ug	≥90.0%
EILPVSMTKTSVDCT	1623.90	25ug	≥90.0%
VSMTKTSVDCTMYIC	1682.02	25ug	≥90.0%
KTSVDCTMYICGDST	1623.83	25ug	≥90.0%
DCTMYICGDSTECSN	1641.78	25ug	≥90.0%
YICGDSTECSNLLLQ	1658.86	25ug	≥90.0%
DSTECSNLLLQYGSF	1676.81	25ug	≥90.0%
CSNLLLQYGSFCTQL	1689.96	25ug	≥90.0%
LLQYGSFCTQLNRAL	1727.00	25ug	≥90.0%
GSFCTQLNRALTGIA	1551.77	25ug	≥90.0%
TQLNRALTGIAVEQD	1628.79	25ug	≥90.0%
RALTGIAVEQDKNTQ	1643.80	25ug	≥90.0%
GIAVEQDKNTQEVFA	1648.78	25ug	≥90.0%
EQDKNTQEVFAQVKQ	1791.92	25ug	≥90.0%
NTQEVFAQVKQIYKT	1797.03	25ug	≥90.0%
VFAQVKQIYKTPPIK	1760.14	25ug	≥90.0%

VKQIYKTPPIKDFGG	1690.99	25ug	≥90.0%
YKTPPIKDFGGFNFS	1717.93	25ug	≥90.0%
PIKDFGGFNFSQILP	1679.92	25ug	≥90.0%
FGGFNFSQILPDPSK	1653.84	25ug	≥90.0%
NFSQILPDPSKPSKR	1713.94	25ug	≥90.0%
ILPDPSKPSKRSFIE	1713.98	25ug	≥90.0%
PSKPSKRSFIEDLLF	1764.04	25ug	≥90.0%
SKRSFIEDLLFNKVT	1797.07	25ug	≥90.0%
FIEDLLFNKVTLADA	1708.96	25ug	≥90.0%
LLFNKVTLADAGFIK	1649.98	25ug	≥90.0%
KVTLADAGFIKQYGD	1625.83	25ug	≥90.0%
ADAGFIKQYGDCLGD	1572.70	25ug	≥90.0%
FIKQYGDCLGDIAAR	1669.91	25ug	≥90.0%
YGDCLGDIAARDLIC	1597.82	25ug	≥90.0%
LGDIAARDLICAQKF	1633.92	25ug	≥90.0%
AARDLICAQKFNGLT	1620.88	25ug	≥90.0%
LICAQKFNGLTVLPP	1613.97	25ug	≥90.0%
QKFNGLTVLPPLTD	1655.94	25ug	≥90.0%
GLTVLPPLLTDEMIA	1582.91	25ug	≥90.0%
LPPLLTDEMIAQYTS	1691.95	25ug	≥90.0%
LTDEMIAQYTSALLA	1639.87	25ug	≥90.0%
MIAQYTSALLAGTIT	1553.83	25ug	≥90.0%
YTSALLAGTITSGWT	1541.71	25ug	≥90.0%
LLAGTITSGWTFGAG	1451.63	25ug	≥90.0%
TITSGWTFGAGAALQ	1480.63	25ug	≥90.0%
GWTFGAGAALQIPFA	1506.71	25ug	≥90.0%
GAGAALQIPFAMQMA	1476.77	25ug	≥90.0%
ALQIPFAMQMAYRFN	1801.15	25ug	≥90.0%
PFAMQMAYRFNGIGV	1702.02	25ug	≥90.0%
QMAYRFNGIGVTQNV	1697.92	25ug	≥90.0%
RFNGIGVTQNVLYEN	1723.89	25ug	≥90.0%
IGVTQNVLYENQKLI	1731.99	25ug	≥90.0%
QNVLYENQKLIANQF	1822.03	25ug	≥90.0%
YENQKLIANQFNSAI	1752.93	25ug	≥90.0%
KLIANQFNSAIGKIQ	1644.92	25ug	≥90.0%
NQFNSAIGKIQDLSL	1621.75	25ug	≥90.0%
SAIGKIQDLSLSTAS	1464.58	25ug	≥90.0%
KIQDLSLSTASALGK	1505.68	25ug	≥90.0%
SLSSTASALGKLQDV	1476.64	25ug	≥90.0%
TASALGKLQDVVNQN	1557.71	25ug	≥90.0%
LGKLQDVVNQNAQAL	1610.82	25ug	≥90.0%
QDVVNQNAQALNTLV	1626.77	25ug	≥90.0%
NQNAQALNTLVKQLS	1641.83	25ug	≥90.0%
QALNTLVKQLSSNFG	1619.82	25ug	≥90.0%
TLVKQLSSNFGAISS	1551.75	25ug	≥90.0%
QLSSNFGAISSVLND	1551.66	25ug	≥90.0%
NFGAISSVLNDILSR	1605.80	25ug	≥90.0%
ISSVLNDILSRDKV	1671.94	25ug	≥90.0%

LNDILSRDKVEAEV	1713.93	25ug	≥90.0%
LSRDKVEAEVQIDR	1770.99	25ug	≥90.0%
DKVEAEVQIDRLITG	1685.88	25ug	≥90.0%
AEVQIDRLITGRLQS	1698.93	25ug	≥90.0%
IDRLITGRLQSLQTY	1777.04	25ug	≥90.0%
ITGRLQSLQTYVTQQ	1735.94	25ug	≥90.0%
LQSLQTYVTQQLIRA	1762.02	25ug	≥90.0%
QTYVTQQLIRAAEIR	1790.04	25ug	≥90.0%
TQQLIRAAEIRASAN	1641.83	25ug	≥90.0%
IRAAEIRASANLAAT	1527.73	25ug	≥90.0%
EIRASANLAATKMSE	1591.79	25ug	≥90.0%
SANLAATKMSECVLG	1494.74	25ug	≥90.0%
AATKMSECVLGQSKR	1608.89	25ug	≥90.0%
MSECVLGQSKRVDFC	1701.99	25ug	≥90.0%
VLGQSKRVDFCGKGY	1656.91	25ug	≥90.0%
SKRVDFCGKGYHLMS	1728.01	25ug	≥90.0%
DFCGKGYHLMSFPQS	1716.94	25ug	≥90.0%
KGYHLMSFPQSAPHG	1656.87	25ug	≥90.0%
LMSFPQSAPHG VVFL	1629.93	25ug	≥90.0%
PQSAPHG VVFLHVTY	1651.87	25ug	≥90.0%
PHG VVFLHVTYVPAQ	1663.92	25ug	≥90.0%
VFLHVTYVPAQEKNF	1792.05	25ug	≥90.0%
VTYVPAQEKNFTTAP	1665.85	25ug	≥90.0%
PAQEKNFTTAPAICH	1627.83	25ug	≥90.0%
KNFTTAPAICH DGKA	1573.78	25ug	≥90.0%
TAPAICH DGKAHFPR	1620.84	25ug	≥90.0%
ICH DGKAHFPR EGVF	1712.94	25ug	≥90.0%
GKAHFPR EGVFVSNG	1601.77	25ug	≥90.0%
FPREGV FVSNGTHWF	1779.96	25ug	≥90.0%
GVFVSNGTHWFVTQR	1734.92	25ug	≥90.0%
SNGTHWFVTQRNFYE	1886.00	25ug	≥90.0%
HWFVTQRNFYEPQII	1978.22	25ug	≥90.0%
TQRNFYEPQIITTDN	1839.96	25ug	≥90.0%
FYEPQIITTDNTFVS	1774.93	25ug	≥90.0%
QIITTDNTFVSGNCD	1627.74	25ug	≥90.0%
TDNTFVSGNCDV VIG	1540.66	25ug	≥90.0%
FVSGNCDV VIGIVNN	1549.75	25ug	≥90.0%
NCDV VIGIVNNTVYD	1637.82	25ug	≥90.0%
VIGIVNNTVYDPLQP	1641.87	25ug	≥90.0%
VNNTVYDPLQPELDS	1703.81	25ug	≥90.0%
VYDPLQPELDSFKEE	1808.94	25ug	≥90.0%
LQPELDSFKEELDKY	1854.03	25ug	≥90.0%
LDSFKEELDKYFKNH	1913.10	25ug	≥90.0%
KEELDKYFKNHTSPD	1850.99	25ug	≥90.0%
DKYFKNHTSPD VDLG	1735.86	25ug	≥90.0%
KNHTSPD VDLGDISG	1554.62	25ug	≥90.0%
SPD VDLGDISGINAS	1459.52	25ug	≥90.0%
DLGDISGINASV VNI	1486.63	25ug	≥90.0%

ISGINASVVNIQKEI	1584.82	25ug	≥90.0%
NASVVNIQKEIDRLN	1712.91	25ug	≥90.0%
VNIQKEIDRLNEVAK	1769.02	25ug	≥90.0%
KEIDRLNEVAKNLNE	1784.97	25ug	≥90.0%
RLNEVAKNLNESLID	1727.92	25ug	≥90.0%
VAKNLNESLIDLQEL	1698.92	25ug	≥90.0%
LNESLIDLQELGKYE	1763.95	25ug	≥90.0%
LIDLQELGKYEQYIK	1853.13	25ug	≥90.0%
QELGKYEQYIKWPWY	2031.28	25ug	≥90.0%
KYEQYIKWPWYIWLG	2073.40	25ug	≥90.0%
YIKWPWYIWLGFIAG	1913.27	25ug	≥90.0%
PWYIWLGFIAGLIAI	1733.11	25ug	≥90.0%
WLGFIAGLIAIVMVT	1604.02	25ug	≥90.0%
IAGLIAIVMVTIMLC	1561.08	25ug	≥90.0%
IAIVMVTIMLCCMTS	1629.15	25ug	≥90.0%
MVTIMLCCMTSCCSC	1629.14	25ug	≥90.0%
MLCCMTSCCCLKGC	1586.07	25ug	≥90.0%
MTSCCCLKGCCSCG	1485.85	25ug	≥90.0%
CCLKGCCSCGSCCK	1484.86	25ug	≥90.0%
KGCCSCGSCCKFDED	1584.80	25ug	≥90.0%
SCGSCCKFDEDDSEP	1621.69	25ug	≥90.0%
CCKFDEDDSEPVKLG	1684.85	25ug	≥90.0%
DEDDSEPVKLGVKLH	1680.82	25ug	≥90.0%
SEPVKLGVKLHYT	1470.72	25ug	≥90.0%