

CERTIFICATE OF ANALYSIS

Product Name	SARS-CoV-2 Spike Glycoprotein-Omicron-90% purity
Cat No.	RP30219
Lot No	E9923523F
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	≥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.

Certified by: *Shanshan Wei*

Date: 06/27/2023

Appendix:

Subpool 1			
Sequence	MW	Quantity	Purity
MFVFLVLLPLVSSQC	1696.13	25ug	≥90.0%
LVLLPLVSSQCVNLT	1598.95	25ug	≥90.0%
PLVSSQCVNLTRTQ	1646.87	25ug	≥90.0%
SQCVNLTRTQLPPA	1628.86	25ug	≥90.0%
NLTRTQLPPAYTNS	1676.83	25ug	≥90.0%
RTQLPPAYTNSFTRG	1708.88	25ug	≥90.0%
PPAYTNSFTRGVYYP	1732.90	25ug	≥90.0%
TNSFTRGVYYPDKVF	1793.98	25ug	≥90.0%
TRGVYYPDKVFRSSV	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%

DLFLPFFSNVTWFHV	1869.13	25ug	≥90.0%
PFFSNVTWFHVISGT	1738.95	25ug	≥90.0%
NVTWFHVISGTNGTK	1660.84	25ug	≥90.0%
FHVISGTNGTKRFDN	1692.84	25ug	≥90.0%
SGTNGTKRFDNPVLP	1602.75	25ug	≥90.0%
GTKRFDNPVLPFNDG	1676.84	25ug	≥90.0%
FDNPVLPFNDGVYFA	1714.88	25ug	≥90.0%
VLPFNDGVYFASIEK	1698.92	25ug	≥90.0%
NDGVYFASIEKSNI	1669.84	25ug	≥90.0%
YFASIEKSNIIRGWI	1797.07	25ug	≥90.0%
IEKSNIIRGWIFGTT	1735.00	25ug	≥90.0%
NIIRGWIFGTTLDSK	1720.97	25ug	≥90.0%
GWIFGTTLDSKTQSL	1653.84	25ug	≥90.0%
GTTLDSKTQSLLIVN	1589.79	25ug	≥90.0%
DSKTQSLLIVNNATN	1617.76	25ug	≥90.0%
QSLLIVNNATNVVIK	1625.92	25ug	≥90.0%
IVNNATNVVIKVCEF	1662.96	25ug	≥90.0%
ATNVVIKVCEFQFCN	1715.01	25ug	≥90.0%
VIKVCEFQFCNDPFL	1802.13	25ug	≥90.0%
CEFQFCNDPFLDHKN	1857.04	25ug	≥90.0%
FCNDPFLDHKNKSW	1865.04	25ug	≥90.0%
PFLDHKNKSWMESE	1862.04	25ug	≥90.0%
HKNNKSWMESEFRVY	1955.17	25ug	≥90.0%
KSWMESEFRVYSSAN	1820.98	25ug	≥90.0%
ESEFRVYSSANNCTF	1753.85	25ug	≥90.0%
RVYSSANNCTFEYVS	1739.87	25ug	≥90.0%
SANNCTFEYVSQPFL	1719.88	25ug	≥90.0%
CTFEYVSQPFLMDLE	1822.07	25ug	≥90.0%
YVSQPFLMDLEGKQG	1711.94	25ug	≥90.0%
PFLMDLEGKQGNFKN	1737.98	25ug	≥90.0%
DLEGKQGNFKNLREF	1794.97	25ug	≥90.0%
KQGNFKNLREFVFKN	1869.14	25ug	≥90.0%
FKNLREFVFKNIDGY	1890.15	25ug	≥90.0%
REFVFKNIDGYFKIY	1939.23	25ug	≥90.0%
FKNIDGYFKIYSKHT	1861.11	25ug	≥90.0%
DGYFKIYSKHTPIIV	1781.07	25ug	≥90.0%
KIYSKHTPIIVREPE	1810.11	25ug	≥90.0%
KHTPIIVREPEDLPQ	1772.02	25ug	≥90.0%
IIVREPEDLPQGFSA	1670.87	25ug	≥90.0%
EPEDLPQGFSALEPL	1641.78	25ug	≥90.0%
LPQGFSALEPLVDLP	1595.84	25ug	≥90.0%
FSALEPLVDLPIGIN	1597.86	25ug	≥90.0%
EPLVDLPIGINITRF	1696.99	25ug	≥90.0%
DLPIGINITRFQTL	1714.02	25ug	≥90.0%
GINITRFQTLALHR	1753.07	25ug	≥90.0%

TRFQTLALHRSYLT	1820.11	25ug	≥90.0%
TLLALHRSYLTPGDS	1643.85	25ug	≥90.0%
LHRSYLTPGDSSSGW	1662.77	25ug	≥90.0%
YLTPGDSSSGWTAGA	1469.52	25ug	≥90.0%
GDSSSGWTAGAAAYY	1463.47	25ug	≥90.0%
SGWTAGAAAYYVGYL	1549.69	25ug	≥90.0%
AGAAAYYVGYLQPRT	1600.78	25ug	≥90.0%
AYYVGYLQPRTFLK	1832.16	25ug	≥90.0%
GYLQPRTFLKYNEN	1856.09	25ug	≥90.0%
PRTFLKYNENGTIT	1767.00	25ug	≥90.0%
LLKYNENGTITDAVD	1665.80	25ug	≥90.0%
NENGTITDAVDCALD	1550.61	25ug	≥90.0%
TITDAVDCALDPLSE	1562.70	25ug	≥90.0%
AVDCALDPLSETKCT	1565.77	25ug	≥90.0%
ALDPLSETKCTLKSF	1652.92	25ug	≥90.0%
LSETKCTLKSFVEK	1714.00	25ug	≥90.0%
KCTLKSFVEKGIYQ	1745.06	25ug	≥90.0%
KSFTVEKGIYQTSNF	1748.94	25ug	≥90.0%
VEKGIYQTSNFRVQP	1765.97	25ug	≥90.0%
IYQTSNFRVQPTESI	1782.96	25ug	≥90.0%
SNFRVQPTESIVRFP	1777.00	25ug	≥90.0%
VQPTESIVRFPNITN	1714.92	25ug	≥90.0%
ESIVRFPNITNLCPF	1750.04	25ug	≥90.0%
RFPNITNLCPFDEVF	1812.06	25ug	≥90.0%
ITNLCPFDEVFNATR	1739.95	25ug	≥90.0%
CPFDEVFNATRFASV	1702.89	25ug	≥90.0%
EVFNATRFASVYAWN	1774.94	25ug	≥90.0%
ATRFASVYAWNRKRI	1839.12	25ug	≥90.0%
ASVYAWNRKRISNCV	1767.03	25ug	≥90.0%
AWNRKRISNCVADYS	1782.99	25ug	≥90.0%
KRISNCVADYSVLYN	1744.97	25ug	≥90.0%
NCVADYSVLYNLAPF	1688.91	25ug	≥90.0%
DYSVLYNLAPFFTFK	1825.08	25ug	≥90.0%
LYNLAPFFTFKCYGV	1783.11	25ug	≥90.0%
APFFTFKCYGVSPTK	1692.98	25ug	≥90.0%
TFKCYGVSPTKLNDL	1685.95	25ug	≥90.0%
YGVSPTKLNDLCFTN	1671.88	25ug	≥90.0%
PTKLNDLCFTNVYAD	1713.91	25ug	≥90.0%
NDLCFTNVYADSFVI	1720.90	25ug	≥90.0%
FTNVYADSFVIRGDE	1732.85	25ug	≥90.0%
YADSFVIRGDEV RQI	1767.94	25ug	≥90.0%
FVIRGDEV RQIAPGQ	1684.90	25ug	≥90.0%
GDEV RQIAPGQTGNI	1554.67	25ug	≥90.0%
RQIAPGQTGNIADYN	1617.73	25ug	≥90.0%
PGQTGNIADYNYKLP	1650.79	25ug	≥90.0%

GNIADYNYKLPDDFT	1745.85	25ug	≥90.0%
DYNYKLPDDFTGCVI	1762.94	25ug	≥90.0%
KLPDDFTGCVIAWNS	1665.87	25ug	≥90.0%
DFTGCVIAWNSNKLD	1682.86	25ug	≥90.0%
CVIAWNSNKLDSKVS	1663.90	25ug	≥90.0%
WNSNKLDSKVSIGNYN	1725.82	25ug	≥90.0%
KLDSKVSIGNYNYLYR	1820.02	25ug	≥90.0%
KVSGNYNYLYRFRK	1921.21	25ug	≥90.0%
NYNYLYRFRKSNLK	1992.29	25ug	≥90.0%
LYRFRKSNLKPFR	1967.33	25ug	≥90.0%
FRKSNLKPFRDIST	1838.08	25ug	≥90.0%
NLKPFRDISTEIYQ	1853.05	25ug	≥90.0%
FERDISTEIYQAGNK	1770.90	25ug	≥90.0%
ISTEIYQAGNKPCNG	1594.75	25ug	≥90.0%
IYQAGNKPCNGVAGF	1538.73	25ug	≥90.0%
GNKPCNGVAGFNCYF	1590.79	25ug	≥90.0%
CNGVAGFNCYFPLRS	1647.88	25ug	≥90.0%
AGFNCYFPLRSYSFR	1828.07	25ug	≥90.0%
CYFPLRSYSFRPTYG	1857.10	25ug	≥90.0%
LRSYSFRPTYGVGHQ	1767.95	25ug	≥90.0%
SFRPTYGVGHQPYRV	1763.96	25ug	≥90.0%
TYGVGHQPYRVVLS	1674.91	25ug	≥90.0%
GHQPYRVVLSFELL	1757.05	25ug	≥90.0%
YRVVLSFELLHAPA	1714.02	25ug	≥90.0%
VLSFELLHAPATVCG	1556.83	25ug	≥90.0%
ELLHAPATVCGPKKS	1550.83	25ug	≥90.0%
APATVCGPKKSTNLV	1485.76	25ug	≥90.0%
VCGPKKSTNLVKNKC	1618.97	25ug	≥90.0%
KKSTNLVKNKCVNFN	1737.04	25ug	≥90.0%
NLVKNKCVNFNENGL	1724.00	25ug	≥90.0%
NKCVNFNENGLKGTG	1612.82	25ug	≥90.0%
NFNENGLKGTGVLTE	1610.77	25ug	≥90.0%
NGLKGTGVLTESNKK	1545.74	25ug	≥90.0%
GTGVLTESNKKFLPF	1637.88	25ug	≥90.0%
LTESNKKFLPFQQFG	1784.03	25ug	≥90.0%
NKKFLPFQQFGRDIA	1809.08	25ug	≥90.0%
LPFQQFGRDIADTTD	1723.85	25ug	≥90.0%
QFGRDIADTTDAVRD	1679.75	25ug	≥90.0%
DIADTTDAVRDPQTL	1630.72	25ug	≥90.0%
TTDAVRDPQTLTILD	1686.82	25ug	≥90.0%
VRDPQTLTILDITPC	1712.97	25ug	≥90.0%
QTLTILDITPCFSGG	1593.80	25ug	≥90.0%
ILDITPCFSGGVSIV	1520.80	25ug	≥90.0%
TPCSFGGVSIVITPGT	1422.61	25ug	≥90.0%
FGGVSIVITPGTNTSN	1450.56	25ug	≥90.0%

SVITPGTNTSNQVAV	1487.62	25ug	≥90.0%
PGTNTSNQVAVLYQG	1548.66	25ug	≥90.0%
TSNQVAVLYQGVNCT	1596.77	25ug	≥90.0%
VAVLYQGVNCTEVPV	1590.85	25ug	≥90.0%
YQGVNCTEVPVAIHA	1600.80	25ug	≥90.0%
NCTEVPVAIHADQLT	1610.80	25ug	≥90.0%
VPVAIHADQLTPTWR	1703.95	25ug	≥90.0%
IHADQLTPTWRVYST	1787.98	25ug	≥90.0%
QLTPTWRVYSTGSNV	1708.88	25ug	≥90.0%
TWRVYSTGSNVFQTR	1801.96	25ug	≥90.0%
Subpool 2			
Sequence	MW	Quantity	Purity
YSTGSNVFQTRAGCL	1603.76	25ug	≥90.0%
SNVFQTRAGCLIGAE	1565.76	25ug	≥90.0%
QTRAGCLIGAEYVNN	1608.78	25ug	≥90.0%
GCLIGAEYVNNSEYEC	1634.79	25ug	≥90.0%
GAEYVNNSEYECDIPI	1686.80	25ug	≥90.0%
VNNSEYECDIPIGAGI	1564.72	25ug	≥90.0%
YECDIPIGAGICASY	1574.78	25ug	≥90.0%
IPIGAGICASYQTQT	1522.73	25ug	≥90.0%
AGICASYQTQTKSHR	1650.82	25ug	≥90.0%
ASYQTQTKSHRRARS	1776.92	25ug	≥90.0%
TQTKSHRRARSVASQ	1712.88	25ug	≥90.0%
SHRRARSVASQSIIA	1638.84	25ug	≥90.0%
ARSVASQSIIAYTMS	1584.80	25ug	≥90.0%
ASQSIIAYTMSLGAE	1541.73	25ug	≥90.0%
IIAYTMSLGAENSVA	1539.76	25ug	≥90.0%
TMSLGAENSVAYSNN	1557.65	25ug	≥90.0%
GAENSVAYSNNNSIAI	1509.58	25ug	≥90.0%
SVAYSNNNSIAIPTNF	1597.73	25ug	≥90.0%
SNNSIAIPTNFTISV	1577.74	25ug	≥90.0%
IAIPTNFTISVTTEI	1619.86	25ug	≥90.0%
TNFTISVTTEILPVS	1621.83	25ug	≥90.0%
ISVTTEILPVSMTKT	1619.93	25ug	≥90.0%
TEILPVSMTKTSVDC	1623.90	25ug	≥90.0%
PVSMTKTSVDCTMYI	1675.99	25ug	≥90.0%
TKTSVDCTMYICGDS	1623.83	25ug	≥90.0%
VDCTMYICGDSTEC	1626.81	25ug	≥90.0%
MYICGDSTECNLLL	1661.92	25ug	≥90.0%
GDSTECNLLLQYGS	1586.68	25ug	≥90.0%
ECSNLLLQYGSFCTQ	1705.92	25ug	≥90.0%
LLLQYGSFCTQLKRA	1741.07	25ug	≥90.0%
YGSFCTQLKRALTGI	1657.94	25ug	≥90.0%
CTQLKRALTGIAVEQ	1630.92	25ug	≥90.0%
KRALTGIAVEQDKNT	1643.85	25ug	≥90.0%

TGIAVEQDKNTQEVEF	1678.80	25ug	≥90.0%
VEQDKNTQEVEFAQVK	1762.92	25ug	≥90.0%
KNTQEVEFAQVKQIYK	1824.09	25ug	≥90.0%
EVFAQVKQIYKTPPI	1761.08	25ug	≥90.0%
QVKQIYKTPPIKYFG	1810.15	25ug	≥90.0%
IYKTPPIKYFGGFNF	1792.09	25ug	≥90.0%
PPIKYFGGFNFSQIL	1728.01	25ug	≥90.0%
YFGGFNFSQILPDPS	1688.84	25ug	≥90.0%
FNFSQILPDPSKPSK	1704.93	25ug	≥90.0%
QILPDPSKPSKRSFI	1713.00	25ug	≥90.0%
DPSKPSKRSFIEDLL	1731.95	25ug	≥90.0%
PSKRSFIEDLLFNKV	1793.08	25ug	≥90.0%
SFIEDLLFNKVTLAD	1724.96	25ug	≥90.0%
DLLFNKVTLADAGFI	1636.89	25ug	≥90.0%
NKVTLADAGFIKQYG	1624.84	25ug	≥90.0%
LADAGFIKQYGDCLG	1570.77	25ug	≥90.0%
GFIKQYGDCLGDIAA	1570.77	25ug	≥90.0%
QYGDCLGDIAARDLI	1622.81	25ug	≥90.0%
CLGDIAARDLICAQK	1589.89	25ug	≥90.0%
IAARDLICAQKFKGL	1647.00	25ug	≥90.0%
DLICAQKFKGLTVLP	1646.01	25ug	≥90.0%
AQKFKGLTVLPPLLT	1626.00	25ug	≥90.0%
KGLTVLPPLLTDEMI	1640.00	25ug	≥90.0%
VLPPLLTDEMIAQYT	1704.00	25ug	≥90.0%
LLTDEMIAQYTSALL	1681.95	25ug	≥90.0%
EMIAQYTSALLAGTI	1581.84	25ug	≥90.0%
QYTSALLAGTITSGW	1568.73	25ug	≥90.0%
ALLAGTITSGWTFGA	1465.66	25ug	≥90.0%
GTITSGWTFGAGAAL	1409.55	25ug	≥90.0%
SGWTFGAGAALQIPF	1522.71	25ug	≥90.0%
FGAGAALQIPFAMQM	1552.87	25ug	≥90.0%
AALQIPFAMQMAYRF	1758.12	25ug	≥90.0%
IPFAMQMAYRFNGIG	1716.04	25ug	≥90.0%
MQMAYRFNGIGVTQN	1729.99	25ug	≥90.0%
YRFNGIGVTQNVLYE	1772.96	25ug	≥90.0%
GIGVTQNVLYENQKL	1675.89	25ug	≥90.0%
TQNVLYENQKLIANQ	1775.96	25ug	≥90.0%
LYENQKLIANQFNSA	1752.93	25ug	≥90.0%
QKLIANQFNSAIGKI	1644.92	25ug	≥90.0%
ANQFNSAIGKIQDSL	1605.76	25ug	≥90.0%
NSAIGKIQDLSSTA	1491.61	25ug	≥90.0%
GKIQDLSSTASALG	1434.56	25ug	≥90.0%
DSLSSTASALGKLQD	1492.59	25ug	≥90.0%
STASALGKLQDVVNH	1539.70	25ug	≥90.0%
ALGKLQDVVNHNAQA	1577.75	25ug	≥90.0%

LQDVVNHNAQALNTL	1649.81	25ug	≥90.0%
VNHNAQALNTLVKQL	1662.90	25ug	≥90.0%
AQALNTLVKQLSSKF	1647.92	25ug	≥90.0%
NTLVKQLSSKFGAIS	1592.84	25ug	≥90.0%
KQLSSKFGAISSVLN	1578.82	25ug	≥90.0%
SKFGAISSVLNDIFS	1584.78	25ug	≥90.0%
AISSVLNDIFSRLDK	1677.90	25ug	≥90.0%
VLNDIFSRLDKVEAE	1747.95	25ug	≥90.0%
IFSRLDKVEAEVQID	1761.98	25ug	≥90.0%
LDKVEAEVQIDRLIT	1741.99	25ug	≥90.0%
EAEVQIDRLITGRLQ	1740.96	25ug	≥90.0%
QIDRLITGRLQSLQT	1741.99	25ug	≥90.0%
LITGRLQSLQTYVTQ	1720.97	25ug	≥90.0%
RLQSLQTYVTQQLIR	1847.13	25ug	≥90.0%
LQTYVTQQLIRAAEI	1747.01	25ug	≥90.0%
VTQQLIRAAEIRASA	1626.86	25ug	≥90.0%
LIRAAEIRASANLAA	1539.79	25ug	≥90.0%
AEIRASANLAATKMS	1533.76	25ug	≥90.0%
ASANLAATKMSECVL	1508.77	25ug	≥90.0%
LAATKMSECVLGQSK	1565.86	25ug	≥90.0%
KMSECVLGQSKRVDF	1727.02	25ug	≥90.0%
CVLGQSKRVDFCGKG	1596.88	25ug	≥90.0%
QSKRVDFCGKGYHLM	1769.07	25ug	≥90.0%
VDFCGKGYHLMSFPQ	1729.00	25ug	≥90.0%
GKGYHLMSFPQSAPH	1656.87	25ug	≥90.0%
HLMSFPQSAPHGVVF	1653.91	25ug	≥90.0%
FPQSAPHGVVFLHVT	1635.87	25ug	≥90.0%
APHGVVFLHVTYVPA	1606.87	25ug	≥90.0%
VVFLHVTYVPAQEKN	1744.01	25ug	≥90.0%
HVTYVPAQEKNFTTA	1705.87	25ug	≥90.0%
VPAQEKNFTTAPAIC	1589.82	25ug	≥90.0%
EKNFTTAPAICHDGK	1631.82	25ug	≥90.0%
TTAPAICHDGKAHFP	1565.76	25ug	≥90.0%
AICHDGKAHFREGV	1636.84	25ug	≥90.0%
DGKAHFREGVFVSN	1659.81	25ug	≥90.0%
HFPREGVFVSNGTHW	1769.92	25ug	≥90.0%
EGVFVSNGTHWFVTQ	1707.85	25ug	≥90.0%
VSNGTHWFVTQRNFY	1856.01	25ug	≥90.0%
THWFVTQRNFYEPQI	1966.17	25ug	≥90.0%
VTQRNFYEPQIITTD	1824.99	25ug	≥90.0%
NFYEPQIITTDNTFV	1801.95	25ug	≥90.0%
PQIITTDNTFVSGNC	1609.76	25ug	≥90.0%
TTDNTFVSGNCDVVI	1584.71	25ug	≥90.0%
TFVSGNCDVVIGIVN	1536.76	25ug	≥90.0%
GNCDVVIGIVNNTVY	1579.78	25ug	≥90.0%

VVIGIVNNTVYDPLQ	1643.89	25ug	≥90.0%
IVNNTVYDPLQPELD	1729.89	25ug	≥90.0%
TVYDPLQPELDSFKE	1780.93	25ug	≥90.0%
PLQPELDSFKEELDK	1787.97	25ug	≥90.0%
ELDSFKEELDKYFKN	1905.07	25ug	≥90.0%
FKEELDKYFKNHTSP	1883.07	25ug	≥90.0%
LDKYFKNHTSPDVDL	1791.96	25ug	≥90.0%
FKNHTSPDVDLGDIS	1644.75	25ug	≥90.0%
TSPDVDLGDISGINA	1473.55	25ug	≥90.0%
VDLGDISGINASVVN	1472.60	25ug	≥90.0%
DISGINASVVNIQKE	1586.75	25ug	≥90.0%
INASVVNIQKEIDRL	1711.97	25ug	≥90.0%
VVNIQKEIDRLNEVA	1739.98	25ug	≥90.0%
QKEIDRLNEVAKNLN	1783.99	25ug	≥90.0%
DRLNEVAKNLNESLI	1727.92	25ug	≥90.0%
EVAKNLNESLIDLQE	1714.88	25ug	≥90.0%
NLNESLIDLQELGKY	1748.94	25ug	≥90.0%
SLIDLQELGKYEQYI	1812.03	25ug	≥90.0%
LQELGKYEQYIKWPW	1981.26	25ug	≥90.0%
GKYEQYIKWPWYIWL	2073.40	25ug	≥90.0%
QYIKWPWYIWLGFIA	1984.35	25ug	≥90.0%
WPWYIWLGFIAGLIA	1806.16	25ug	≥90.0%
IWLGFIAGLIAIVMV	1616.07	25ug	≥90.0%
FIAGLIAIVMVTIML	1605.11	25ug	≥90.0%
LIAIVMVTIMLCCMT	1655.24	25ug	≥90.0%
VMVTIMLCCMTSCCS	1625.13	25ug	≥90.0%
IMLCCMTSCCSCLKG	1596.09	25ug	≥90.0%
CMTSCCSCLKGCCSC	1531.94	25ug	≥90.0%
CCSCLKGCCSCGSCC	1459.83	25ug	≥90.0%
LKGCCSCGSCCKFDE	1582.87	25ug	≥90.0%
CSCGSCCKFDEDDSE	1627.72	25ug	≥90.0%
SCCKFDEDDSEPVLK	1714.88	25ug	≥90.0%
FDEDDSEPVLKGVKL	1690.85	25ug	≥90.0%
DSEPVLKGVKLHYT	1585.81	25ug	≥90.0%