

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	SARS-CoV-2 N
<b>Order ID</b>	RP30013
<b>Lot No</b>	E1466222J
<b>Sequence</b>	See appendix for details
<b>Modification</b>	N/A
<b>Size</b>	2.55mg
<b>Storage</b>	-20°C
<b>Recommended Solvent*</b>	Dimethyl sulfoxide(Analytical grade)
<b>HPLC purity</b>	Crude
<b>Appearance</b>	White lyophilized powder
<b>Comments</b>	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: 10/20/2022

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](mailto:web@genscript.com).

**Appendix:**

Sequence	MW	Quantity	Purity
MSDNGPQNQRNAPRI	1697.84	25ug	Crude
GPQNQRNAPRITFGG	1612.76	25ug	Crude
QRNAPRITFGGPSDS	1602.71	25ug	Crude
PRITFGGPSDSTGSN	1492.55	25ug	Crude
FGGPSDSTGSNQNGE	1453.39	25ug	Crude
SDSTGSNQNGERSGA	1466.39	25ug	Crude
GSNQNGERSGARSKQ	1575.61	25ug	Crude

NGERSGARSKQRRPQ	1726.86	25ug	Crude
SGARSKQRRPQGLPN	1651.84	25ug	Crude
SKQRRPQGLPNNTAS	1653.81	25ug	Crude
RPQGLPNNTASWFTA	1659.81	25ug	Crude
LPNNTASWFTALTQH	1700.86	25ug	Crude
TASWFTALTQHGKED	1691.80	25ug	Crude
FTALTQHGKEDLKFP	1731.95	25ug	Crude
TQHGKEDLKFPRGQG	1697.86	25ug	Crude
KEDLKFPRGQGVPI	1697.94	25ug	Crude
KFPRGQGVPI	1601.77	25ug	Crude
GQGVPI	1528.54	25ug	Crude
PINTNSSPDDQIGYY	1683.73	25ug	Crude
NSSPDDQIGYYRRAT	1742.81	25ug	Crude
DDQIGYYRRATRRIR	1939.15	25ug	Crude
GYRRTARRIRGGDG	1753.93	25ug	Crude
RATRRIRGGDGKMKD	1716.97	25ug	Crude
RIRGGDGKMKDLSR	1685.96	25ug	Crude
GDGKMKDLSRWYFY	1863.11	25ug	Crude
MKDLSRWYFYLLGT	1940.23	25ug	Crude
SRWYFYLLGTGPEA	1806.98	25ug	Crude
YFYLLGTGPEAGLPY	1710.89	25ug	Crude
LGTGPEAGLPYGANK	1444.59	25ug	Crude
PEAGLPYGANKDGII	1514.69	25ug	Crude
LPYGANKDGIIVVAT	1617.85	25ug	Crude
ANKDGIIVVATEGAL	1557.75	25ug	Crude
GIIVVATEGALNTPK	1569.81	25ug	Crude
VATEGALNTPKDHIG	1522.67	25ug	Crude
GALNTPKDHIGTRNP	1590.75	25ug	Crude
TPKDHIGTRNPANNA	1605.72	25ug	Crude
HIGTRNPANNAIIVL	1560.76	25ug	Crude
RNPANNAIIVLQLPQ	1618.84	25ug	Crude
NNAAIIVLQLPQGTTL	1552.78	25ug	Crude
IVLQLPQGTTLPGKF	1611.93	25ug	Crude
LPQGTTLPGKGFYAEG	1578.77	25ug	Crude
TTLPGKGFYAEGSRGG	1540.68	25ug	Crude
KGFYAEGSRGGSQAS	1501.56	25ug	Crude
AEGSRGGSQASSRSS	1423.41	25ug	Crude
RGGSQASSRSSRSR	1565.62	25ug	Crude
QASSRSSRSRNSSR	1652.69	25ug	Crude
RSSRSRNSSRNSTP	1678.73	25ug	Crude
RSRNSSRNSTPGSSR	1648.70	25ug	Crude
SSRNSTPGSSRGTS	1477.50	25ug	Crude
STPGSSRGTS	1462.60	25ug	Crude
SSRGTS	1405.50	25ug	Crude
TSPARMAGNGGDAAL	1388.51	25ug	Crude
RMAGNGGDAALALLL	1442.69	25ug	Crude
NGGDAALALLLLDRL	1524.77	25ug	Crude
AALALLLLDRLNQL	1665.98	25ug	Crude

LLLLDRLNQLESKMS	1773.11	25ug	Crude
DRLNQLESKMSGKGQ	1690.88	25ug	Crude
QLESKMSGKGQQQQG	1633.79	25ug	Crude
KMSGKGQQQQGQTVT	1605.78	25ug	Crude
KGQQQQGQTVTKKSA	1616.78	25ug	Crude
QQGQTVTKKSAAEAS	1533.65	25ug	Crude
TVTKKSAAEASKKPR	1601.85	25ug	Crude
KSAAEASKKPRQKRT	1685.93	25ug	Crude
EASKKPRQKRTATKA	1699.96	25ug	Crude
KPRQKRTATKAYNVT	1762.03	25ug	Crude
KRTATKAYNVTQAFG	1655.86	25ug	Crude
TKAYNVTQAFGRRGP	1665.86	25ug	Crude
NVTQAFGRRGPEQTQ	1688.81	25ug	Crude
AFGRRGPEQTQGNFG	1621.72	25ug	Crude
RGPEQTQGNFGDQEL	1675.72	25ug	Crude
QTQGNFGDQELIRQG	1690.78	25ug	Crude
NFGDQELIRQGTDYK	1783.90	25ug	Crude
QELIRQGTDYKHWPQ	1899.08	25ug	Crude
RQGTDYKHWPQIAQF	1875.06	25ug	Crude
DYKHWPQIAQFAPSA	1758.94	25ug	Crude
WPQIAQFAPSASAFF	1667.87	25ug	Crude
AQFAPSASAFFGMSR	1574.77	25ug	Crude
PSASAFFGMSRIGME	1587.83	25ug	Crude
AFFGMSRIGMEVTPS	1629.91	25ug	Crude
MSRIGMEVTPSGTWL	1664.95	25ug	Crude
GMEVTPSGTWLTYTG	1599.77	25ug	Crude
TPSGTWLTYTGAIKL	1608.84	25ug	Crude
TWLTYTGAIKLDDKD	1739.93	25ug	Crude
YTGAIKLDDKDPNFK	1724.92	25ug	Crude
IKLDDKDPNFKDQVI	1788.02	25ug	Crude
DKDPNFKDQVILLNK	1787.03	25ug	Crude
NFKDQVILLNKHIDA	1768.03	25ug	Crude
QVILLNKHIDAYKTF	1803.12	25ug	Crude
LNKHIDAYKTFPTE	1773.99	25ug	Crude
IDAYKTFPTEPKKD	1749.97	25ug	Crude
KTFPTEPKKDKKKK	1800.16	25ug	Crude
PTEPKKDKKKKADET	1742.98	25ug	Crude
KKDKKKKADETQALP	1728.01	25ug	Crude
KKKADETQALPQRQK	1769.02	25ug	Crude
DETQALPQRQKKQQT	1798.96	25ug	Crude
ALPQRQKKQQTVTLL	1752.08	25ug	Crude
RQKKQQTVTLLPAAD	1696.95	25ug	Crude
QQTVTLLPAADLDDF	1646.80	25ug	Crude
TLLPAADLDDFSKQL	1646.84	25ug	Crude
AADLDDFSKQLQQSM	1696.84	25ug	Crude
DDFSKQLQQSMSSAD	1686.76	25ug	Crude
KQLQQSMSSADSTQA	1609.72	25ug	Crude