

CERTIFICATE OF ANALYSIS

Product Name	AAV9
Cat No.	RP30243
Lot No	E3567424H
Sequence	See appendix for details
Modification	N/A
Size	4.55mg
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: *Tingting Cai*

Date: 09/01/2024

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:

Sequence	MW	Quantity	Purity
MAADGYLPDWLEDNL	1722.88	25ug	≥90.0%
GYLPDWLEDNLSEGI	1720.84	25ug	≥90.0%
DWLEDNLSEGIREWW	1948.06	25ug	≥90.0%
DNLSEGIREWWALKP	1814.01	25ug	≥90.0%
EGIREWWALKPGAPQ	1737.96	25ug	≥90.0%
EWWALKPGAPQPKAN	1692.92	25ug	≥90.0%
LKPGAPQPKANQQHQ	1641.84	25ug	≥90.0%

APQPKANQQHQDNAR	1702.79	25ug	≥ 90.0%
KANQQHQDNARGLV	1691.85	25ug	≥ 90.0%
QHQDNARGLVLPGYK	1695.88	25ug	≥ 90.0%
NARGLVLPGYKYLGP	1617.90	25ug	≥ 90.0%
LVLPGYKYLGPNGNL	1560.84	25ug	≥ 90.0%
GYKYLGPNGNLDKGE	1567.70	25ug	≥ 90.0%
LGPGNGLDKGEPVNA	1437.56	25ug	≥ 90.0%
NGLDKGEPVNAADAA	1441.51	25ug	≥ 90.0%
KGEPVNAADAAALEH	1492.60	25ug	≥ 90.0%
VNAADAAALEHDKAY	1558.65	25ug	≥ 90.0%
DAAALEHDKAYDQQL	1687.77	25ug	≥ 90.0%
LEHDKAYDQQLKAGD	1730.84	25ug	≥ 90.0%
KAYDQQLKAGDNPYL	1723.89	25ug	≥ 90.0%
QQLKAGDNPYLKYNH	1788.96	25ug	≥ 90.0%
AGDNPYLKYNHADA	1677.73	25ug	≥ 90.0%
PYLKYNHADAQFQER	1881.02	25ug	≥ 90.0%
YNHADAQFQERLKED	1864.93	25ug	≥ 90.0%
DAEQFQERLKEDTSFG	1771.84	25ug	≥ 90.0%
QERLKEDTSFGGNLG	1650.75	25ug	≥ 90.0%
KEDTSFGGNLGRAVF	1597.73	25ug	≥ 90.0%
SFGGNLGRAVFQAKK	1579.81	25ug	≥ 90.0%
NLGRAVFQAKKRLLE	1743.07	25ug	≥ 90.0%
AVFQAKKRLLEPLGL	1683.05	25ug	≥ 90.0%
AKKRLLEPLGLVEEA	1665.98	25ug	≥ 90.0%
LLEPLGLVEEAAKTA	1553.80	25ug	≥ 90.0%
LGLVEEAAKTAPGKK	1511.77	25ug	≥ 90.0%
EEAAKTAPGKKRPVE	1610.82	25ug	≥ 90.0%
KTAPGKKRPVEQSPQ	1650.88	25ug	≥ 90.0%
GKKRPVEQSPQEPDS	1681.81	25ug	≥ 90.0%
PVEQSPQEPDSSAGI	1540.59	25ug	≥ 90.0%
SPQEPDSSAGIGKSG	1416.45	25ug	≥ 90.0%
PDSSAGIGKSGAQPA	1342.42	25ug	≥ 90.0%
AGIGKSGAQPAKKRL	1481.75	25ug	≥ 90.0%
KSGAQPAKKRLNFGQ	1629.87	25ug	≥ 90.0%
QPAKKRLNFGQTGDT	1660.84	25ug	≥ 90.0%
KRLNFGQTGDTESVP	1648.78	25ug	≥ 90.0%
FGQTGDTESVPDPQP	1574.61	25ug	≥ 90.0%
GDTESVPDPQPIGEP	1537.59	25ug	≥ 90.0%
SVPDPQPIGEPAP	1471.62	25ug	≥ 90.0%
PQPIGEPAPSGVG	1373.52	25ug	≥ 90.0%
GEPPAPSGVGSMTM	1370.53	25ug	≥ 90.0%
AAPSGVGSMTMASGG	1262.40	25ug	≥ 90.0%
GVGSMTMASGGGAPV	1260.42	25ug	≥ 90.0%
LTMASGGGAPVADNN	1374.48	25ug	≥ 90.0%
SGGGAPVADNNEGAD	1330.28	25ug	≥ 90.0%
APVADNNEGADGVGS	1372.36	25ug	≥ 90.0%

DNNEGADGVGSSSGN	1379.26	25ug	≥ 90.0%
GADGVGSSSGNWHCD	1448.44	25ug	≥ 90.0%
VGSSSGNWHCDSQWL	1662.75	25ug	≥ 90.0%
SGNWHCDSQWLGDRV	1759.86	25ug	≥ 90.0%
HCDSQWLGDRVITTS	1717.87	25ug	≥ 90.0%
QWLGDRVITTSTRTW	1820.02	25ug	≥ 90.0%
DRVITTSTRTWALPT	1717.93	25ug	≥ 90.0%
TTSTRTWALPTYNNH	1762.88	25ug	≥ 90.0%
RTWALPTYNNHLYKQ	1905.13	25ug	≥ 90.0%
LPTYNNHLYKQISNS	1791.97	25ug	≥ 90.0%
NNHLYKQISNSTSGG	1619.70	25ug	≥ 90.0%
YKQISNSTSGGSSND	1544.54	25ug	≥ 90.0%
SNSTSGGSSNDNAYF	1507.44	25ug	≥ 90.0%
SGGSSNDNAYFGYST	1526.48	25ug	≥ 90.0%
SNDNAYFGYSTPWGY	1741.77	25ug	≥ 90.0%
AYFGYSTPWGYDFDN	1834.94	25ug	≥ 90.0%
YSTPWGYDFDNRFHC	1940.11	25ug	≥ 90.0%
WGYDFDNRFHCHFSP	1960.14	25ug	≥ 90.0%
DFNRFHCHFSPRDWQ	1992.15	25ug	≥ 90.0%
FHCHFSPRDWQRLIN	1956.20	25ug	≥ 90.0%
FSPRDWQRLINNNWG	1903.07	25ug	≥ 90.0%
DWQRLINNNWGFRPK	1944.17	25ug	≥ 90.0%
LINNNWGFRPKRLNF	1889.18	25ug	≥ 90.0%
NWGFRPKRLNFKLFN	1937.26	25ug	≥ 90.0%
RPKRLNFKLFNIQVK	1901.31	25ug	≥ 90.0%
LNFKLFNIQVKEVTD	1808.09	25ug	≥ 90.0%
LFNIQVKEVTDNNGV	1689.87	25ug	≥ 90.0%
QVKEVTDNNGVKTI	1615.79	25ug	≥ 90.0%
VTDNNGVKTIANNLT	1573.71	25ug	≥ 90.0%
NGVKTIANNLTSTVQ	1559.73	25ug	≥ 90.0%
TIANNLTSTVQVFTD	1623.77	25ug	≥ 90.0%
NLTSTVQVFTDSDYQ	1717.79	25ug	≥ 90.0%
TVQVFTDSDYQLPYV	1774.93	25ug	≥ 90.0%
FTDSDYQLPYVLGSA	1675.80	25ug	≥ 90.0%
DYQLPYVLGSAHEGC	1651.80	25ug	≥ 90.0%
PYVLGSAHEGCLPPF	1586.82	25ug	≥ 90.0%
GSAHEGCLPPFPADV	1496.65	25ug	≥ 90.0%
EGCLPPFPADVFMIP	1632.95	25ug	≥ 90.0%
PPFPADVFMIPQYGY	1742.01	25ug	≥ 90.0%
ADVFMIPQYGYLTLN	1745.01	25ug	≥ 90.0%
MIPQYGYLTLNDGSQ	1699.89	25ug	≥ 90.0%
YGYLTLNDGSQAVGR	1613.73	25ug	≥ 90.0%
TLNDGSQAVGRSSFY	1601.68	25ug	≥ 90.0%
GSQAVGRSSFYCLEY	1666.82	25ug	≥ 90.0%
VGRSSFYCLEYFPSQ	1782.98	25ug	≥ 90.0%
SFYCLEYFPSQMLRT	1885.18	25ug	≥ 90.0%

LEYFPSQMLRTGNNF	1817.04	25ug	≥ 90.0%
PSQMLRTGNNFQFSY	1789.97	25ug	≥ 90.0%
LRTGNNFQFSYEFEN	1865.96	25ug	≥ 90.0%
NNFQFSYEFENVPFH	1919.02	25ug	≥ 90.0%
FSYEFENVPFHSSYA	1823.92	25ug	≥ 90.0%
FENVPFHSSYAHSQS	1736.80	25ug	≥ 90.0%
PFHSSYAHSQSLDRL	1744.87	25ug	≥ 90.0%
SYAHSQSLDRLMNPL	1731.94	25ug	≥ 90.0%
SQSLDRLMNPLIDQY	1793.02	25ug	≥ 90.0%
DRLMNPLIDQYLYYL	1930.24	25ug	≥ 90.0%
NPLIDQYLYLSKTI	1844.12	25ug	≥ 90.0%
DQYLYLSKTINGSG	1721.87	25ug	≥ 90.0%
YLSKTINGSGQNQQ	1700.81	25ug	≥ 90.0%
KTINGSGQNQQTLKF	1663.84	25ug	≥ 90.0%
GSGQNQQTLKFSVAG	1521.64	25ug	≥ 90.0%
NQQTLKFSVAGPSNM	1621.82	25ug	≥ 90.0%
LKFSVAGPSNMAVQG	1505.74	25ug	≥ 90.0%
VAGPSNMAVQGRNYI	1576.78	25ug	≥ 90.0%
SNMAVQGRNYIPGPS	1590.77	25ug	≥ 90.0%
VQGRNYIPGPSYRQQ	1762.93	25ug	≥ 90.0%
NYIPGPSYRQQRVST	1765.93	25ug	≥ 90.0%
GPSYRQQRVSTTVTQ	1707.85	25ug	≥ 90.0%
RQQRVSTTVTQNNNS	1732.82	25ug	≥ 90.0%
VSTTVTQNNNSEFAW	1697.76	25ug	≥ 90.0%
VTQNNNSEFAWPGAS	1621.67	25ug	≥ 90.0%
NNSEFAWPGASSWAL	1636.73	25ug	≥ 90.0%
FAWPGASSWALNGRN	1633.77	25ug	≥ 90.0%
GASSWALNGRNSLMN	1577.73	25ug	≥ 90.0%
WALNGRNSLMNPGPA	1597.80	25ug	≥ 90.0%
GRNSLMNPGPAMASH	1539.75	25ug	≥ 90.0%
LMNPGPAMASHKEGE	1568.78	25ug	≥ 90.0%
GPAMASHKEGEDRFF	1678.83	25ug	≥ 90.0%
ASHKEGEDRFFPLSG	1676.79	25ug	≥ 90.0%
EGEDRFFPLSGSLIF	1713.89	25ug	≥ 90.0%
RFFPLSGSLIFGKQG	1653.93	25ug	≥ 90.0%
LSGSLIFGKQGTGRD	1535.71	25ug	≥ 90.0%
LIFGKQGTGRDNVDA	1590.74	25ug	≥ 90.0%
KQGTGRDNVDADKVM	1633.79	25ug	≥ 90.0%
GRDNVDADKVMITNE	1676.81	25ug	≥ 90.0%
VDADKVMITNEEEIK	1733.94	25ug	≥ 90.0%
KVMITNEEEIKTTNP	1746.98	25ug	≥ 90.0%
TNEEEIKTTNPVATE	1675.75	25ug	≥ 90.0%
EIKTTNPVATESYGQ	1637.75	25ug	≥ 90.0%
TNPVATESYGQVATN	1551.62	25ug	≥ 90.0%
ATESYGQVATNHQSA	1563.59	25ug	≥ 90.0%
YGQVATNHQSAQAQA	1573.63	25ug	≥ 90.0%

ATNHQSAQAQAQTGW	1598.64	25ug	≥ 90.0%
QSAQAQAQTGWVQNQ	1644.71	25ug	≥ 90.0%
AQAQTGWVQNQGILP	1610.78	25ug	≥ 90.0%
TGWVQNQGILPGMVW	1685.95	25ug	≥ 90.0%
QNGILPGMVWQDRD	1756.94	25ug	≥ 90.0%
ILPGMVWQDRDVYLQ	1833.12	25ug	≥ 90.0%
VMWQDRDVYLQGPW	1906.18	25ug	≥ 90.0%
DRDVYLQGPWAKIP	1771.03	25ug	≥ 90.0%
YLQGPWAKIPHTDG	1695.92	25ug	≥ 90.0%
PIWAKIPHTDGNFHP	1729.94	25ug	≥ 90.0%
KIPHTDGNFHPSPLM	1690.93	25ug	≥ 90.0%
TDGNFHPSPLMGGFG	1533.67	25ug	≥ 90.0%
FHPSPLMGGFGMKHP	1639.95	25ug	≥ 90.0%
PLMGGFGMKHPPQI	1606.96	25ug	≥ 90.0%
GFGMKHPPQILIKN	1677.03	25ug	≥ 90.0%
KHPPQILIKNTPVP	1679.02	25ug	≥ 90.0%
PQILIKNTPVPADPP	1599.88	25ug	≥ 90.0%
IKNTPVPADPPTAFN	1581.77	25ug	≥ 90.0%
PVPADPPTAFNKDKL	1609.83	25ug	≥ 90.0%
DPPTAFNKDKLNSFI	1706.90	25ug	≥ 90.0%
AFNKDKLNSFITQYS	1775.96	25ug	≥ 90.0%
DKLNSFITQYSTGQV	1700.85	25ug	≥ 90.0%
SFITQYSTGQVSVEI	1658.81	25ug	≥ 90.0%
QYSTGQVSVEIEWEL	1767.89	25ug	≥ 90.0%
GQVSVEIEWELQKEN	1787.93	25ug	≥ 90.0%
VEIEWELQKENSQRW	1974.19	25ug	≥ 90.0%
WELQKENSQRWNPEI	1957.16	25ug	≥ 90.0%
KENSQRWNPEIQYTS	1880.03	25ug	≥ 90.0%
KRWNPEIQYTSNYYK	1990.19	25ug	≥ 90.0%
PEIQYTSNYYKSNNV	1819.93	25ug	≥ 90.0%
YTSNYYKSNNVEFAV	1798.91	25ug	≥ 90.0%
YYKSNNVEFAVNTEG	1734.82	25ug	≥ 90.0%
NNVEFAVNTEGVYSE	1671.72	25ug	≥ 90.0%
FAVNTEGVYSEPRPI	1678.85	25ug	≥ 90.0%
TEGVYSEPRPIGTRY	1724.88	25ug	≥ 90.0%
YSEPRPIGTRYLTRN	1823.03	25ug	≥ 90.0%
RPIGTRYLTRNL	1459.70	25ug	≥ 90.0%