

CERTIFICATE OF ANALYSIS

Product Name	AAV8
Cat No.	RP30242
Lot No	E4075424E
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: *Shanshan Wei* Date: 05/06/2024

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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%
EGIREWWALKPGAPK	1738.01	25ug	≥90.0%
EWALKPGAPKPKAN	1692.97	25ug	≥90.0%
LKPGAPKPKANQQKQ	1632.91	25ug	≥90.0%
APKPKANQQKQDDGR	1680.83	25ug	≥90.0%

KANQQKQDDGRGLVL	1669.85	25ug	≥90.0%
QKQDDGRGLVLPGYK	1673.88	25ug	≥90.0%
DGRGLVLPGYKYLGP	1604.85	25ug	≥90.0%
LVLPGYKYLGPFNGL	1650.96	25ug	≥90.0%
GYKYLGPFNGLDKGE	1657.83	25ug	≥90.0%
LGPFNGLDKGEPVNA	1527.68	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%
LEHDKAYDQQLQAGD	1730.79	25ug	≥90.0%
KAYDQQLQAGDNPYL	1723.84	25ug	≥90.0%
QQLQAGDNPYLRYNH	1816.94	25ug	≥90.0%
AGDNPYLRYNHADAE	1705.75	25ug	≥90.0%
PYLRYNHADAEFQER	1909.03	25ug	≥90.0%
YNHADAEFQERLQED	1864.89	25ug	≥90.0%
DAEFQERLQEDTSFG	1771.80	25ug	≥90.0%
QERLQEDTSFGGNLG	1650.71	25ug	≥90.0%
QEDTSFGGNLGRAVF	1597.69	25ug	≥90.0%
SFGGNLGRAVFQAKK	1579.81	25ug	≥90.0%
NLGRAVFQAKKRVLE	1729.04	25ug	≥90.0%
AVFQAKKRVLEPLGL	1669.03	25ug	≥90.0%
AKKRVLEPLGLVEEG	1637.93	25ug	≥90.0%
VLEPLGLVEEGAKTA	1525.75	25ug	≥90.0%
LGLVEEGAKTAPGKK	1497.74	25ug	≥90.0%
EEGAKTAPGKKRPVE	1596.79	25ug	≥90.0%
KTAPGKKRPVEPSPQ	1619.87	25ug	≥90.0%
GKKRPVEPSPQRSPD	1677.87	25ug	≥90.0%
PVEPSPQRSPDSSTG	1540.59	25ug	≥90.0%
SPQRSPDSSTGIGKK	1544.67	25ug	≥90.0%
SPDSSTGIGKKGQQP	1486.59	25ug	≥90.0%
STGIGKKGQQPARKR	1611.86	25ug	≥90.0%
GKKGQQPARKRLNFG	1684.95	25ug	≥90.0%
QQPARKRLNFGQTGD	1715.88	25ug	≥90.0%
RKRLNFGQTGDSESV	1693.82	25ug	≥90.0%
NFGQTGDSESVDPDQ	1577.57	25ug	≥90.0%
TGDSESVDPDQPLGE	1527.55	25ug	≥90.0%
ESVPDQPLGEPAA	1503.62	25ug	≥90.0%
DPQPLGEPAAPSGV	1431.55	25ug	≥90.0%
LGEPAAPSGVGPNT	1363.48	25ug	≥90.0%
PAAPSGVGPNTMAAG	1297.44	25ug	≥90.0%
SGVGPNTMAAGGGAP	1243.35	25ug	≥90.0%
PNTMAAGGGAPMADN	1374.51	25ug	≥90.0%
AAGGGAPMADNNEGA	1302.33	25ug	≥90.0%
GAPMADNNEGADGVG	1374.40	25ug	≥90.0%
ADNNEGADGVGSSSG	1336.24	25ug	≥90.0%

EGADGVGSSSGNWHC	1462.46	25ug	≥90.0%
GVGSSSGNWHCDSTW	1579.61	25ug	≥90.0%
SSGNWHCDSTWLGDR	1720.78	25ug	≥90.0%
WHCDSTWLGDRVITT	1789.97	25ug	≥90.0%
STWLGDRVITTSTRT	1693.86	25ug	≥90.0%
GDRVITTSTRTWALP	1673.88	25ug	≥90.0%
ITTSTRTWALPTYNN	1738.90	25ug	≥90.0%
TRTWALPTYNNHLYK	1878.10	25ug	≥90.0%
ALPTYNNHLYKQISN	1775.97	25ug	≥90.0%
YNNHLYKQISNGTSG	1695.79	25ug	≥90.0%
LYKQISNGTSGGATN	1510.61	25ug	≥90.0%
ISNGTSGGATNDNTY	1471.45	25ug	≥90.0%
TSGGATNDNTYFGYS	1554.53	25ug	≥90.0%
ATNDNTYFGYSTPWG	1693.73	25ug	≥90.0%
NTYFGYSTPWGYFDF	1864.97	25ug	≥90.0%
GYSTPWGYFDFNRFH	1894.02	25ug	≥90.0%
PWGYFDFNRFHCHFS	1960.14	25ug	≥90.0%
FDFNRFHCHFSPRDW	2011.19	25ug	≥90.0%
RFHCHFSPRDWQRLI	1998.29	25ug	≥90.0%
HFSPRDWQRLINNNW	1983.16	25ug	≥90.0%
RDWQRLINNNWGFRP	1972.18	25ug	≥90.0%
RLINNNWGFRPKRLS	1871.16	25ug	≥90.0%
NNWGFRPKRLSFKLF	1910.24	25ug	≥90.0%
FRPKRLSFKLFNIQV	1893.29	25ug	≥90.0%
RLSFKLFNIQVKEVT	1822.16	25ug	≥90.0%
KLFNIQVKEVTQNEG	1746.97	25ug	≥90.0%
IQVKEVTQNEGTKTI	1687.90	25ug	≥90.0%
EVTQNEGTKTIANNL	1631.75	25ug	≥90.0%
NEGTKTIANNLTSTI	1576.71	25ug	≥90.0%
KTIANNLTSTIQVFT	1650.88	25ug	≥90.0%
NNLTSTIQVFTDSEY	1731.82	25ug	≥90.0%
STIQVFTDSEYQLPY	1790.93	25ug	≥90.0%
VFTDSEYQLPYVLGS	1717.88	25ug	≥90.0%
SEYQLPYVLGSAHQG	1648.78	25ug	≥90.0%
LPYVLGSAHQGCLPP	1551.82	25ug	≥90.0%
LGSAHQGCLPPFPAD	1509.69	25ug	≥90.0%
HQGCLPPFPADVMI	1671.99	25ug	≥90.0%
LPPFPADVFMIPQYG	1691.99	25ug	≥90.0%
PADVFMIPQYGYLTL	1728.02	25ug	≥90.0%
FMIPQYGYLTLNNGS	1717.95	25ug	≥90.0%
QYGYLTLNNGSQAVG	1584.69	25ug	≥90.0%
LTLNNGSQAVGRSSF	1550.68	25ug	≥90.0%
NGSQAVGRSSFYCLE	1617.75	25ug	≥90.0%
AVGRSSFYCLEYFPS	1725.93	25ug	≥90.0%
SSFYCLEYFPSQMLR	1871.15	25ug	≥90.0%
CLEYFPSQMLRTGNN	1773.01	25ug	≥90.0%

FPSQMLRTGNNFQFT	1788.00	25ug	≥90.0%
MLRTGNNFQFTYTFE	1869.07	25ug	≥90.0%
GNNFQFTYTFEDVFPF	1825.93	25ug	≥90.0%
QFTYTFEDVFPFHSSY	1867.97	25ug	≥90.0%
TFEDVFPFHSSYAHSQ	1751.81	25ug	≥90.0%
VFPFHSSYAHSQSLDR	1730.84	25ug	≥90.0%
SSYAHSQSLDRLMNP	1705.85	25ug	≥90.0%
HSQSLDRLMNPLIDQ	1766.98	25ug	≥90.0%
LDRLMNPLIDQYLYY	1930.24	25ug	≥90.0%
MNPLIDQYLYLSRT	1890.17	25ug	≥90.0%
IDQYLYLSRTQTTG	1821.99	25ug	≥90.0%
LYLSRTQTTGGTAN	1645.78	25ug	≥90.0%
SRTQTTGGTANTQTL	1536.61	25ug	≥90.0%
TTGGTANTQTLGFSQ	1483.54	25ug	≥90.0%
TANTQTLGFSQGGPN	1492.55	25ug	≥90.0%
QTLGFSQGGPNTMAN	1522.65	25ug	≥90.0%
FSQGGPNTMANQAKN	1564.69	25ug	≥90.0%
GPNTMANQAKNWLPG	1598.79	25ug	≥90.0%
MANQAKNWLPGPCYR	1749.03	25ug	≥90.0%
AKNWLPGPCYRQQRV	1816.10	25ug	≥90.0%
LPGPCYRQQRVSTTT	1706.93	25ug	≥90.0%
CYRQQRVSTTTGQNN	1755.88	25ug	≥90.0%
QRVSTTTGQNNNSNF	1667.70	25ug	≥90.0%
TTTGQNNNSNFAWTA	1626.65	25ug	≥90.0%
QNNNSNFAWTAGTKY	1715.78	25ug	≥90.0%
SNFAWTAGTKYHLNG	1666.80	25ug	≥90.0%
WTAGTKYHLNGRNSL	1717.89	25ug	≥90.0%
TKYHLNGRNSLANPG	1641.79	25ug	≥90.0%
LNGRNSLANPGIAMA	1498.71	25ug	≥90.0%
NSLANPGIAMATHKD	1539.72	25ug	≥90.0%
NPGIAMATHKDDEER	1683.81	25ug	≥90.0%
AMATHKDDEERFFPS	1780.92	25ug	≥90.0%
HKDDEERFFPSNGIL	1803.93	25ug	≥90.0%
EERFFPSNGILIFGK	1754.00	25ug	≥90.0%
FPSNGILIFGKQNAA	1576.80	25ug	≥90.0%
GILIFGKQNAARDNA	1587.79	25ug	≥90.0%
FGKQNAARDNADYSD	1671.69	25ug	≥90.0%
NAARDNADYSDVMLT	1655.75	25ug	≥90.0%
DNADYSDVMLTSEEE	1717.72	25ug	≥90.0%
YSDVMLTSEEEIKTT	1745.91	25ug	≥90.0%
MLTSEEEIKTTNPVA	1662.86	25ug	≥90.0%
EEEIKTTNPVATEEY	1752.83	25ug	≥90.0%
KTTNPVATEEYGIVA	1592.75	25ug	≥90.0%
PVATEEYGIVADNLQ	1618.75	25ug	≥90.0%
EEYGIVADNLQQQNT	1721.78	25ug	≥90.0%
IVADNLQQQNTAPQI	1652.81	25ug	≥90.0%

NLQQQNTAPQIGTVN	1625.75	25ug	≥90.0%
QNTAPQIGTVNSQGA	1485.56	25ug	≥90.0%
PQIGTVNSQGALPGM	1469.67	25ug	≥90.0%
TVNSQGALPGMVWQON	1601.79	25ug	≥90.0%
QGALPGMVWQNRDVY	1733.95	25ug	≥90.0%
PGMVWQNRDVYLQGP	1759.99	25ug	≥90.0%
WQNRDVYLQGPWAK	1874.11	25ug	≥90.0%
DVYLQGPWAKIPHT	1738.00	25ug	≥90.0%
QGPWAKIPHTDGNF	1680.87	25ug	≥90.0%
WAKIPHTDGNFHPS	1703.86	25ug	≥90.0%
PHTDGNFHPSPLMGG	1563.70	25ug	≥90.0%
GNFHPSPLMGGFGLK	1558.81	25ug	≥90.0%
PSPLMGGFGLKHPPP	1531.83	25ug	≥90.0%
MGGFGLKHPPPQILI	1604.96	25ug	≥90.0%
GLKHPPPQILIKNTP	1652.99	25ug	≥90.0%
PPPQILIKNTPVPAD	1599.88	25ug	≥90.0%
ILIKNTPVPADPPTT	1576.84	25ug	≥90.0%
NTPVPADPPTTFNQS	1585.68	25ug	≥90.0%
PADPPTTFNQSCLNS	1616.73	25ug	≥90.0%
PTTFNQSCLNSFITQ	1725.90	25ug	≥90.0%
NQSCLNSFITQYSTG	1687.81	25ug	≥90.0%
LNSFITQYSTGQVSV	1643.80	25ug	≥90.0%
ITQYSTGQVSVEIEW	1739.88	25ug	≥90.0%
STGQVSVEIEWELQK	1732.89	25ug	≥90.0%
VSVEIEWELQKENS	1818.00	25ug	≥90.0%
IEWELQKENSKRWNP	1957.16	25ug	≥90.0%
LQKENSKRWNPEIQY	1933.14	25ug	≥90.0%
NSKRWNPEIQYTSNY	1900.02	25ug	≥90.0%
WNPEIQYTSNYYKST	1894.01	25ug	≥90.0%
IQYTSNYYKSTSVDF	1815.94	25ug	≥90.0%
SNYYKSTSVDFAVNT	1695.79	25ug	≥90.0%
KSTSVDFAVNTEGVY	1616.73	25ug	≥90.0%
VDFAVNTEGVYSEPR	1682.79	25ug	≥90.0%
VNTEGVYSEPRPIGT	1618.75	25ug	≥90.0%
GVYSEPRPIGTRYLT	1708.92	25ug	≥90.0%
EPRPIGTRYLTRNL	1685.93	25ug	≥90.0%