



Product Sheet

CellVantage™-AAV

Version: 02

Research Grade Material, *not for human use*

Active compound: VSE™-007, powder
Cat #: VSE-007-RG-PW
Batch#: V91PiR01
Storage: 20 ± 5°C, protect from light
Stability: Use within 1 year of receipt

Product Description

CellVantage™-AAV is a powerful media additive designed to significantly improve Adeno-Associated Virus (AAV) production efficiency, enabling higher yields without altering your existing workflow. CellVantage™-AAV helps you generate high-titer AAV preparations more efficiently to accelerate research and development.

Analytical Method	Acceptance Criteria	Result
Visual Appearance	White powder	White powder
ID by LC-MS	Conforms to the reference standard	Conforms to the reference standard
Purity by LC-MS (% area)	≥ 94.0	96.2
Solubility	Dissolved at 10 mM in DMSO	Pass
Biological Activity of AAV Production assessed by Genomic Titer Assay*	≥ 1.5-fold change	Pass

* Functional Assay

CellVantage™-AAV is tested in combination with PEI-based transfection reagent for enhanced AAV production in HEK293-based suspension cells using a reporter-encoded transfer vector. Viral titer is quantified by viral genome (vg) copies using qPCR and the averaged result is expressed as a fold increase over a control baseline titer.

Denise van Rossum

Denise van Rossum (Sep 29, 2025 17:38:54 EDT)

29-Sep-2025

Denise van Rossum, VP Product Development

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Terrence Cochrane (Sep 30, 2025 09:30:51 EDT)

30-Sep-2025

Terrence Cochrane, Quality Head