



Product Sheet

CellVantage™ AAV

Version: 04

Research Grade Material, *not for human use*

Product #: 1011.01S-01D
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.

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