



Product Sheet

VSE™-007

Version: 01

Research Grade Material, *not for human use*

Product #: 107109
Batch#: V91PiR01
Storage: 20 ± 5°C, protect from light
Stability: Use within 1 year of receipt

Product Description

VSE™-007 is an enhancer developed to improve Adeno-Associated Virus (AAV) production in suspension HEK293 cell systems. It is formulated to enhance overall AAV yield, with demonstrated increases in function titer across proprietary suspension HEK293 lineages, media and transfection reagents. VSE™-007 is intended for integration into AAV manufacturing processes to increase yield.

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

* Functional Assay

VSE™-007 is tested for enhanced AAV production in suspension HEK 293-based cells with a polycationic polymer transfection reagent using a reporter-encoded transfer vector. Functional titer is quantified based on virus-mediated reporter activity and the average result is expressed as fold change over control baseline-titer.

Denise van Rossum, VP Product Development

7-May-2026

Date

Terrence Cochrane, Acting Head of Quality

7-May-2026

Date