

# Aplos NCA Validation Report

**Validation Engine Version:** 3.0.95

**Validation Repository File Version:** v3.101

**Analysis Engine Version:** aplos\_nca\_analysis\_engine: 3.101.1

**Execution ID:** 1782926410-1886184:1ce788e8-7571-11f1-8000-000000000000

**Generated:** 2026-07-01 17:22:40 UTC

**Requested By:** Nathan Teuscher

**Email:** nathan@aplosanalytics.com

**URL:** https://api.app.aplos-nca.com

**Overall Status:** **PASSED**

**Tests Passed:** 6/6

**Tests Failed:** 0/6

## Test Results

Test Name	Status	Mismatches	Rows
Test Case 1: Single EV	✓ PASS	0	57
Test Case 2: Single IV Bolus	✓ PASS	0	56
Test Case 3: Single IV Infusion	✓ PASS	0	58
Test Case 4: Steady state EV	✓ PASS	0	65
Test Case 5: Steady state IV Bolus	✓ PASS	0	71
Test Case 6: Steady state IV Infusion	✓ PASS	0	70

## Test Cases

Test Case 1: Single EV	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-01/pk-results-expected.csv</a>
Engine results file	pk-results.csv

Comparison result	Pass
Execution Id	1782926438-6970983:2de59566-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

Test Case 2: Single IV Bolus	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/pk-results-expected.csv</a>
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1782926442-2771556:3007db63-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

Test Case 3: Single IV Infusion	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/pk-results-expected.csv</a>
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1782926444-2052429:312e0f4c-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

Test Case 4: Steady state EV	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-04/pk-results-expected.csv</a>

Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1782926446-1702802:3259e691-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

Test Case 5: Steady state IV Bolus	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/pk-results-expected.csv</a>
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1782926448-3104308:33a07633-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

Test Case 6: Steady state IV Infusion	
Input dataset	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/input.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/input.csv</a>
Configuration file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/config.json">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/config.json</a>
Known results file	<a href="https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/pk-results-expected.csv">https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/pk-results-expected.csv</a>
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1782926450-2277074:34c503d1-7571-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.1
Error Info	No error information available

## Overall Validation Test Results

Test	Result
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Test Case 1: Single EV	Pass
Test Case 2: Single IV Bolus	Pass
Test Case 3: Single IV Infusion	Pass
Test Case 4: Steady state EV	Pass
Test Case 5: Steady state IV Bolus	Pass
Test Case 6: Steady state IV Infusion	Pass
Overall	Pass