

Aplos NCA Validation Report

Validation Engine Version: 3.0.99

Validation Repository File Version: v3.101

Analysis Engine Version: aplos_nca_analysis_engine: 3.101.34

Execution ID: 1787277899-0943046-b668bb45-9d04-11f1-8000-000000000000

Generated: 2026-08-21 02:07:18 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	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validation/refs/heads/main/v3.101/test-01/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validation/refs/heads/main/v3.101/test-01/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validation/refs/heads/main/v3.101/test-01/pk-results-expected.csv
Engine results file	pk-results.csv

Comparison result	Pass
Execution Id	1787277917-3003762-c142c1f0-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
Error Info	No error information available

Test Case 2: Single IV Bolus	
Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-02/pk-results-expected.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1787277927-399568-c747c5a1-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
Error Info	No error information available

Test Case 3: Single IV Infusion	
Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-03/pk-results-expected.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1787277936-8193104-cce51c4f-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
Error Info	No error information available

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

Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1787277946-1002004-d26d4314-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
Error Info	No error information available

Test Case 5: Steady state IV Bolus

Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-05/pk-results-expected.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1787277955-6392293-d81ccd63-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
Error Info	No error information available

Test Case 6: Steady state IV Infusion

Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v3.101/test-06/pk-results-expected.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1787277964-9989774-ddb0fc8f-9d04-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.34
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