

Aplos NCA Validation Report

Validation Engine Version: 3.0.97

Validation Repository File Version: v3.101

Analysis Engine Version: aplos_nca_analysis_engine: 3.101.11

Execution ID: 1786038500-0300946-02ffe191-91bf-11f1-8000-000000000000

Generated: 2026-08-06 17:50:42 UTC

Requested By: Nathan Teuscher

Email: nathan@aplosanalytics.com

URL: <https://api.dev.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	1786038529-3737555-147d5e51-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
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	1786038533-8141189-1722ea05-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
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	1786038537-7126575-1975c8ae-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
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	1786038541-1532102-1b82c545-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
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	1786038544-4136622-1d7446ae-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
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	1786038547-8132124-1f7b019c-91bf-11f1-8000-000000000000
aplos_nca_analysis_engine	3.101.11
Error Info	No error information available

Overall Validation Test Results

Test	Result
------	--------

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