



VALIDATION REPORT

Item	Detail
Analysis email	nathan@aplosanalytics.com
Analysis name	Nathan Teuscher
Company	Aplos Analytics Inc.
Date of Validation	2025-09-06 (UTC)
Time of Validation	22:11:54+00:00 (UTC)
Validation Source	https://github.com/AplosAnalytics/Aplos-NCA-Validations/tree/main/v1.1

Test Cases

Test Case 1: Single EV	
Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-01/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-01/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-01/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196715-2835336:7fa78b07-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5



**Test Case 2: Single IV Bolus**

Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-02/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-02/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-02/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196717-689669:8116b0b0-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5

Test Case 3: Single IV Infusion

Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-03/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-03/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-03/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196717-9896488:814476a8-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5

Test Case 4: Steady state EV

Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-04/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-04/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-04/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196718-2896984:81723f57-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5





Test Case 5: Steady state IV Bolus	
Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-05/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-05/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-05/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196718-609111:81a2fc66-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5

Test Case 6: Steady state IV Infusion	
Input dataset	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-06/input.csv
Configuration file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-06/config.json
Known results file	https://raw.githubusercontent.com/AplosAnalytics/Aplos-NCA-Validations/refs/heads/main/v1.1/test-06/pk-results-expected-output.csv
Engine results file	pk-results.csv
Comparison result	Pass
Execution Id	1757196718-8696277:81cabcd4-8b6e-11f0-8000-000000000000
Engine Version	1.17.33
API Version	1.27.5





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

