# TEST 1

## Null &DS parameter

Confirm that macro returns FAIL with value 0 if called with no data set, e.g., null parameter.

# TEST 2

## Single data sets

Confirm that macro can correctly detect one or more WORK or permanent data sets, using mix of one- and two-level names.

## Checks

1. Individual WORK data set correctly found
   1. with one-level name, return PASS (value of 1)
   2. with two-level name, return PASS (value of 1)
2. Non-existent WORK data set correctly NOT found
   1. with one-level name, return FAIL (value of 0)
   2. with two-level name, return FAIL (value of 0)
3. Individual PERMANENT data set correctly found
   1. with two-level name, return PASS (value of 1)
4. Non-existent PERMANENT data set correctly NOT found
   1. with two-level name, return FAIL (value of 0)
5. Confirm that these assertions are not case sensitive
6. Confirm that macro correctly handles data set names that look like mnemonics (e.g., AND, OR, NOT)

# TEST 3

## Multiple data sets

Confirm that macro can correctly detect one or more WORK data sets, using either one-level or two-level names.

## Checks

1. Check that multiple existing WORK and Permanent data sets correctly found, return PASS value 1
2. Check that any one missing data set results in overall FAIL response, regardless of position in list
   1. 1st missing data set forces FAIL value 0
   2. last missing data set forces FAIL value 0
   3. in between missing data set forces FAIL value 0
3. Confirm that these assertions are not case sensitive
4. Confirm that macro correctly handles data set names that look like mnemonics (e.g., AND, OR, NOT)

# TEST 4

## Confirm expected log messages

In most cases tests will include failure scenarios, which should produce log messages. The following log messages are EXPECTED due to test design (testing failure conditions):

WARNING: (TEST\_ASSERT\_DSET\_EXIST) User must ensure PhUSE/CSS utilities are in the AUTOCALL path.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Please specify a data set name.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set NOTINWORK is NOT accessible. Try another data set.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set WORK.CLASS\_MOD\_DNE is NOT accessible. Try another data set.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set SASHELP.CLASSICS is NOT accessible. Try another data set.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set WORK.IF is NOT accessible. Try another data set.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set WORK.FOR is NOT accessible. Try another data set.

ERROR: (ASSERT\_DSET\_EXIST) Result is FAIL. Data set SASHELP.CLASSICS is NOT accessible. Try another data set.

ERROR: Errors printed on pages 7,8,9,10.