





OF ANALYSIS CERTIFICATE

FOR ANALYTICAL PURPOSES ONLY

REFERENCE STANDARD:

JNJ-25875382-AAA

LOT:

A14JS2686

COA NUMBER:

AD-RSCoA-JNJ-25875382-AAA-A14JS2686

VERSION NUMBER:

V3

TYPE OF STANDARD:

Drug Substance API

RE-EVALUATION DATE:

31-Oct-2020

INTENDED USE:

Quantitative

EFFECTIVE DATE:

01-Nov-2017

SALT FACTOR: F

1.000

SALT FACTOR: F'

1.000

0.918

STORAGE CONDITION(S): Room temperature dry

REMARKS:

PURITY:

n.a.

CHEMICAL NAME:

Carbamic acid, N-[(1S,2R)-3-[[(4-aminophenyl)sulfonyl](2-methylpropyl)amino]-2-hydroxy-1-

(phenylmethyl)propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester

OTHER COMPOUND ID:

R319064 / DARUNAVIR / TMC114

MANUFACTURER DATE:

09-Oct-2014

MOLECULAR FORMULA:

C27H37N3O7S

MANUFACTURER LOT:

A14JS2686

MOLECULAR WEIGHT:

547.66

MANUFACTURER:

CILAG AG

MOLECULAR WEIGHT

547.66

MANUFACTURER

Hochstrasse 201, CH-8205

PARENT:

ADDRESS:

Schaffhausen, Switzerland

ANALYTICAL TEST RESULTS:

TESTS PERFORMED

Appearance

NMR identification IR identification

Water content vaporisation

GC residual solvent determination **UPLC** impurity

Residue on Ignition

Heavy metals

Ethanol content

Base titration Specific optical rotation **RESULTS (UNITS)**

White powder

Confirms the structure

Complies with reference spectrum

0.1 % w/w

998 ppm

0.39 % w/w

< 0.1 % w/w

< 20 ppm

7.6 % w/w 101.1 % w/w

-1.6°

PURITY CALCULATION: P = (100 - % water content - % residual solvent - % chromatographic impurity - % anorganic impurities - % ethanol content) / 100

APPROVED BY:

NAME: Tine Sommen

SIGNATURE:

DATE: 26-Oct-2017

DEPARTMENT: PDMS Analytical Development - Clinical Release & Stability

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