



Specification

Ledipasvir Acetone

Catalog Number: LA1006
Lot Number: 1031702
CAS Number: 1441674-54-9
Molecular Formula: $C_{49}H_{54}F_2N_8O_6C_3H_6O$
Molecular Weight: 947.08
Storage: 2°C – 8°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	White to light tan to pink powder
Assay (HPLC)	98.0 – 102.0%
Identification (HPLC, IR)	Equivalent to standard
Acetone Content (GC)	6.0 – 8.0%
Solubility	N,N-Dimethylformamide
Moisture	≤ 2.0%
Residue on Ignition	≤ 0.1%
Impurities (HPLC)	
Individual	≤ 0.15%
Total	≤ 1.0%
Heavy Metals	≤ 20ppm
Residual Solvents	
Acetonitrile	≤ 410ppm
Dichloromethane	≤ 600ppm
DMF	≤ 880ppm
Ethyl Acetate	≤ 5,000ppm
Isopropyl Acetate	≤ 5,000ppm
Isopropyl Alcohol	≤ 5,000ppm
Methanol	≤ 3,000ppm
Methyl Tertiary Butyl Ether	≤ 5,000ppm
Toluene	≤ 890ppm

Approved:

Date: September 14, 2018

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