



Specification

Ledipasvir

Catalog Number: LE1002
Lot Number: 0726601
CAS Number: 1256388-51-8
Molecular Formula: $C_{49}H_{54}F_2N_8O$
Molecular Weight: 889.0
Storage: $\leq -20^{\circ}C$
Retest Period: One year from the date of manufacture

Test	Specification
Appearance	White to off-white powder
Purity (HPLC)	$\geq 99.0\%$
Assay	98.0 – 102.0%
Identification	Retention time of major peak in the chromatogram corresponds to standard
Residue on Ignition	$\leq 0.1\%$
Impurity (HPLC) Individual	$\leq 0.15\%$
Total	$\leq 1.0\%$
Heavy Metals	$\leq 10\text{ppm}$
Residual Solvents	
Acetone	$\leq 5000\text{ppm}$
Toluene	$\leq 890\text{ppm}$
Isopropyl Acetate	$\leq 5000\text{ppm}$
Ethyl Acetate	$\leq 5000\text{ppm}$
Methanol	$\leq 3000\text{ppm}$
Acetonitrile	$\leq 410\text{ppm}$
DMF	$\leq 880\text{ppm}$
Dichloromethane	$\leq 600\text{ppm}$
Ethanol	$\leq 5000\text{ppm}$

Approved:

Date: September 12, 2018

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojiraafc.com