



Specification

Lamivudine

Catalog Number: LA1008
Lot Number: 0122805
CAS Number: 134678-17-4
Molecular Formula: $C_8H_{11}N_3O_3S$
Molecular Weight: 229.26
Storage: 15°C – 30°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	White to crystalline powder
Purity (HPLC)	98.0 – 102.0%
Identification FTIR HPLC	To match reference spectra Retention time matches that of the standard
Melting Point	Report
Moisture	≤ 2.0%
Light Absorption (440nm)	≤ 0.0015
Related Substances Cytosine Uracil RRT0.4 RRT0.9 Salicylic Acid Any Unspecific Impurity Total Impurities	Report Report Report Report Report Report Report
Residual Solvents Alcohol Isopropyl Acetate Methanol Triethylamine Total Residual Solvents	≤ 0.2% ≤ 0.2% ≤ 0.1% ≤ 0.1% ≤ 0.3%
All lots meet the specifications for USP40.	

Approved:

Date: September 14, 2018

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