

Certificate of Analysis

Zhejiang Charioteer Pharmaceutical Co., Ltd.

Address: Tongyuanxi, Dazhan, Xianju, Zhejiang Province, 317321, P.R. China

The product name	Acyclovir		
Batch No.	216451098	Inspection Basis	USP43
Manufacturing Date	2021.05.16	Retest Date	2025.05.15
Packing	25kg/drum	Amount	100kg
<u>The items and results of Inspection</u>			
Items	Specification	Test results	
1. [Appearance]	White to off-white, crystalline powder	White crystalline powder	
2. [Identification]			
Infrared absorption	Positive	Conform	
Retention time (HPLC)	Positive	Conform	
3. [Water]	(≤6.0%)	5.2%	
4. [Residual solvent](GC)			
Toluene	(≤45ppm)	<1ppm	
5. [Assay] (HPLC)			
Assay: (on the anhydrous basis)	(98.0—101.0%)	99.7%	
Additional test			
6. [Related substances](HPLC)			
Impurity B (guanine)	(≤0.70%)	0.19%	
Impurity P	(≤0.15%)	<0.02%	
Impurity C	(≤0.15%)	<0.02%	
Impurity N	(≤0.15%)	<0.02%	
Impurity O+Q	(≤0.15%)	0.04%	
Impurity J	(≤0.20%)	<0.02%	
Impurity K+R	(≤0.15%)	0.02%	
Any other impurity	(≤0.05%)	<0.02%	
Total impurities	(≤1.0%)	0.27%	
Conclusion	Analysis according to USP43, Conform		
QA Manager	<i>Xie Guohua</i>	Release Date	<i>20211029</i>