



新乡制药股份有限公司
Xinxiang Pharmaceutical Co., Ltd.

CERTIFICATE OF ANALYSIS

Product name	Acyclovir	Cas No.	59277-89-3
Batch No.	CC20220801	Quantity	200kg
Analysis According	CP2020	Report date	Aug. 25, 2022
MFG Date	Aug. 15, 2022	Expiry date	Aug. 14, 2025

	Test	Specification	Result
1	Description	White crystalline powder, Odorless	white crystalline powder, Odorless
2	Identification	Infrared absorption in accordance with standard atlas	Complies
		The retention time of sample is correspond to std.	Complies
3	Clarity and color	Meet the requirements	Complies
4	Related substances	TLC: no other impurity's spot	Complies
5	Limit for guanine and other impurities	Guanine $\leq 0.7\%$	0.08%
		Total other impurities: $\leq 1.0\%$	0.13%
6	Heavy metals	$\leq 10\text{ppm}$	Complies
7	Loss on drying	$\leq 6.0\%$	5.2%
8	Residue on ignition	$\leq 0.1\%$	0.03%
9	Assay	$\geq 98.0\%$	99.7%
10	Limit of microbe	Total bacterial count $\leq 1000\text{CFU/g}$	< 10 CFU/g
		Yeast & Mold $\leq 100\text{CFU/g}$	< 10 CFU/g
		E. Coil: Negative	Undetected
Conclusion		Meet the Specifications	

Analyst: Zhu Shujuan

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Chief of QC: Zhang Fengjuan

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