



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-394139
Lot Number: SAMPLE
Product Name: Ganciclovir Sodium Salt
CAS Number: 107910-75-8
Molecular Formula: $C_9H_{12}N_5NaO_4$
Molecular Weight: 277.21

Test	Specification	Result
Appearance	White powder	Complies
Identification (HPLC)	Conforms to structure	Complies
Identification (UV)	Conforms to structure	Complies
Purity (HPLC)	90-110%	98.5%
pH	10.8-11.4	11.3
Residual Solvents	Acetone $\leq 0.5\%$	Complies
Solubility	Very easily soluble in water	Complies
Heavy Metals	≤ 20 ppm	Complies
Related Substances	Ganciclovir related compound A $\leq 0.5\%$ Guanine $\leq 0.5\%$ Total impurities $\leq 1.5\%$	0.11% 0.27% 0.43%
Water Content	$\leq 6.0\%$	1.6%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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