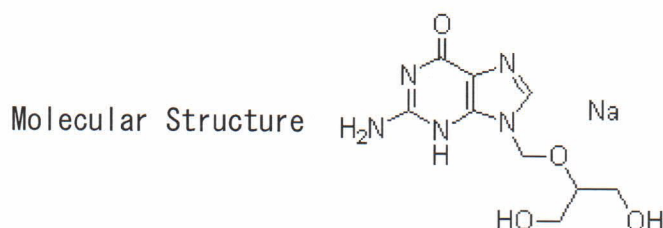


## Ganciclovir Sodium

Batch no 24072801  
Mf date Jul 28 2024  
Expiry Jul 27 2026



Molecular Formula  $C_9H_{13}N_5NaO_4$   
Molecular Weight 278.22  
CAS Registry Number 107910-75-8

Sep 24 2024

Tests	Specifications	Results
Appearance	White or almost white crystalline powder, odorless, hygroscopic	White crystalline powder
Solubility	Freely soluble in water, very slightly soluble in methanol, practically insoluble in chloroform & acetone	Conforms
Identification	HPLC, UV	Positive
Clarity & color of solution	Meets the requirements	Conforms
Absorption coefficient	470 ~ 500	Conforms
Heavy metals	$\leq 20$ ppm	Conforms
Residue on ignition	$\leq 0.1\%$	0.03%
Related substances	Ganciclovir related compound	$\leq 0.5\%$ 0.16%
	Guanine	$\leq 0.5\%$ 0.2%
	Impurity A	$\leq 0.5\%$ 0.03%
	Total impurities	$\leq 1.5\%$ 0.4%
	Water	$\leq 3.0\%$ 0.63%
pH	10.8 ~ 11.4	11.0
Organic remain	$\leq 0.5\%$ acetone	Conforms
Microbial limit	Total plate count	$\leq 1000$ cfu/g Conforms
	Yeasts & Molds	$\leq 100$ cfu/g Conforms
	E.coli	Negative
	Bacterial endotoxins	$\leq 0.84$ EU/mg < 0.25 EU/mg
Residual solvent	Ethanol	$\leq 5000$ ppm Conforms
Assay (HPLC) oab	98.0 ~ 102.0% of $C_9H_{13}N_5O_4$	99.4%
Packaging & storage	Preserve in well-closed containers. Store at 25°C, excursions permitted between 15 ~ 30°C	
Conclusion	Material complies with in-house standard	