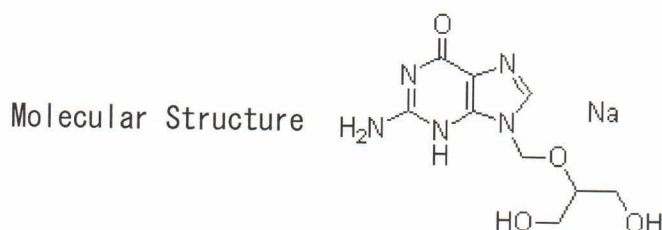


Ganciclovir Sodium

Batch no 25080701
Mf date Aug 07 2025
Expiry Aug 06 2027



Molecular Formula $C_9H_{13}N_5NaO_4$

Molecular Weight 278.22

CAS Registry Number 107910-75-8

Aug 12 2025

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	≤ 20 ppm	Conforms
Residue on ignition	$\leq 0.1\%$	0.03%
Related substances	Ganciclovir related compound $\leq 0.5\%$ Guanine $\leq 0.5\%$ Impurity A $\leq 0.5\%$ Total impurities $\leq 1.5\%$	0.1% 0.1% 0.01% 0.21%
Water	$\leq 6.0\%$	0.33%
pH	10.8 ~ 11.4	11.0
Organic remain	$\leq 0.5\%$ acetone	Conforms
Microbial limit	Total plate count ≤ 1000 cfu/g Yeasts & Molds ≤ 100 cfu/g E. coli Negative	Conforms Conforms Negative
Bacterial endotoxins	≤ 0.84 EU/mg	< 0.25 EU/mg
Residual solvent	Ethanol ≤ 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	