

Certificate of Analysis

Prilocaine Base

CAS No.	721-50-6	Code	BIOJPRI001
Batch No	25051907	Manufacture Date	May.19, 2025
Retest Date	May.18, 2028	Quantity	25Kgs

Testing Items	Specifications	Results
Appearance	White or almost white powder or crystalline powder	White powder
Solubility	Very soluble in ethanol and acetone, slightly soluble in water	Complies
Identification	IR: The infrared absorption spectrum of the sample shall be consistent with that of the reference substance	Complies
	HPLC: The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay	Complies
Water	$\leq 0.50\%$	0.050%
Residue on ignition	$\leq 0.10\%$	0.060%
Related Compounds	Impurity A $\leq 0.010\%$	0.0003%
Purity	$\geq 99.9\%$	99.89%
Residual solvents	Ethanol $\leq 0.50\%$	Not detected
	Acetone $\leq 0.50\%$	Not detected
	N-hexane $\leq 0.029\%$	0.008%
	Ethyl acetate $\leq 0.50\%$	Not detected
	Toluene $\leq 0.089\%$	Not detected
Assay	98.0%~102.0%(Calculated on the dried basis)	99.82%
Conclusion	This product conforms to USP standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**