

Lidocaine Base

CAS No.	137-58-6	Code	BIOJLID001
Batch No	066200901	Manufacture Date	Sep.04, 2020
Retest Date	Aug. 2024	Quantity	50kg

Testing Items	Specifications	Results
Appearance	White or light yellow crystalline powder, and specific odor	White crystalline powder
Solubility	Insoluble in water, very easily soluble in ethanol(96%) and chloroform	Complies
Identification	IR conform with reference substance	Complies
	The main peak retention time conform with the reference substance	Complies
Chloride	$\leq 35\text{ppm}$	$< 35\text{ppm}$
Sulphate	$\leq 0.1\%$	$< 0.1\%$
Residue on ignition	$\leq 0.1\%$	0.090%
Organic impurities	Impurity A $\leq 0.01\%$ Impurity H $\leq 0.1\%$ Unspecified single impurity $\leq 0.1\%$ Total impurities $\leq 0.5\%$	0.0062 0.0017% 0.087% 0.18
Residual solvents	Ethanol $\leq 0.5\%$ Methanol $\leq 0.3\%$ Diethylamine $\leq 0.032\%$ Toluene $\leq 0.089\%$ Benzene $\leq 0.0002\%$	Not detected 0.0056% 0.00172% 0.00167% Not detected
Assay	97.5%~102.5%(Calculated on the dried basis)	100.54%
Conclusion	This product conforms to USP43 standard	

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