

Certificate of Analysis

Product Name	Lidocaine	Report No.	KUS20231012
CAS NO.	137-58-6	Batch No.	KUS20231012
Manuf. Date	2023.10.12	Expiry Date	2025.10.11
Tests			
Description	White or white crystalline powder	Complies	
	Almost insoluble in water, easily soluble in ethanol (96%) and dichloromethane.	Complies	
Identification	Infrared identification should be consistent with the standard	Complies	
	Melting point of 66~77 °C	66.7~68.3 °C	
	Green color identification reaction	Complies	
Related compounds	Impurity $\leq 0.01\%$	Not detected	
	Any other impurity $\leq 0.1\%$	0.03%	
	Total impurities $\leq 0.5\%$	0.11%	
Chloride content	$\leq 35\text{ppm}$	$< 35\text{ppm}$	
Sulfation	$\leq 0.1\%$	$< 0.1\%$	
Water	$\leq 1.0\%$	0.04%	
Sulphated ash	$\leq 0.1\%$	0.05%	
Organic residue	Methylbenzene $\leq 0.089\%$	0.0018%	
	Diethylamine $\leq 0.032\%$	0.0004%	
	Methanol $\leq 0.3\%$	Not detected	
Assay	99.0%-101.0% (On anhydrous basis)	99.28%	
Conclusion: Conform to EP11.0			

ANALYST: 王怀明

CHECKER: 吴晗

Q.C. DIRECTOR: 