LIDOCAIN HCl (LIDOKAIN HCl) ANALİZ SERTİFİKASI

Product Name : Lidocain HCl (Lidokain HCl)

Cas Number : 73-78-9

Molecular Formula : $C_{14}H_{23}ClN_2O$

TEST	SPECIFICATION	RESULT
Description	White, odourless, crystalline powder	White crystalline powder , odourless
Solubility	Very soluble in water and in alcohol; soluble in chloroform; insoluble in ether	Complies
Identification		
A) By IR	The absorption maxima in the spectrum obtained with the sample preparation should correspond to those in the spectrum obtained with the standard preparation.	Complies
B) By 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
C) Chloride	Gives reaction of chloride	Complies
Chloride & Sulfate	Not more than 0.1 %	Less than 0.1%
Residue in Ignition	Not more than 0.1 %	0.06%
Water Content	5.0 to 7.0 %	6.26%
Related Substances By HPLC		
Ropivacaine related compound A	Not more than 0.01 %	0.001%
Lidocaine related compound H	Not more than 0.10 %	0.001%
Any individual unspecified impurity	Not more than 0.10 %	0.037%
Total impurities	Not more than 0.5 %	0.054%
Assay By HPLC (On anhydrous basis)	NLT 97.5 % and NMT 102.5%	99.65%
Additional test: Residual solvent test by GC		
Toluene	Not more than 890ppm	1.3ppm
Acetone	Not more than 5000ppm	64.3ppm

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.