

Lidocaine HCL USP

INCI Name: Lidocaine HCL

CAS Numbers: 6108-05-0



Description:

Lidocaine is a local anesthetic that works by causing temporary numbness/loss of feeling in the skin and mucous membranes. Lidocaine is used topically to relieve itching, burning and pain from skin inflammations, injected as a dental anesthetic or as a local anesthetic for minor surgery.

Technical Data:

Index Name	Specifications
Appearance	White crystalline powder
Assay	99% \pm min
Melting point	74-79 $^{\circ}$ C
Identification	Conform
Impurity (2,6-dimethylaniline)	Conform
PH	4-5.5
Water	5.5-7.0%
Sulfated ash	0.1% max
Heavy metal	5ppm max

Applications:

Lidocaine is found in over the counter topical medications that treat itching, minor skin wound pain, and skin irritation. It is also administered locally as an anesthetic during surgery, childbirth, and during dental work.



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