

Lidocaine Base USP



INCI Name: Lidocaine

CAS Numbers: 137-58-6

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:

Test	Specifications
Identification A & B	White or slightly yellow, crystalline
Melting range	66 - 69°C
Residue on ignition	NMT 0.1%
Chlorides	NMT 0.0035%
Sulfate	NMT 0.1%
Water	NMT 1.0%
Heavy Metals	NMT 0.002%
Assay	97.5 to 102.5%

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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