

Specification

Technical Data Sheet

CAS**51-30-9****STORAGE****Ambient****MOLECULAR WEIGHT****211.26****PRODUCT****DL-Isoproterenol hydrochloride****Product number** 90026897**CAS number** 51-30-9**Molecular formula** C₁₁H₁₇NO₃ · xHCl**Molecular weight** 211.26 g/mol**PARAMETER****SPECIFICATION****Appearance**

White to off white crystalline powder.

Assay

97.0 - 101.5%

Grade

USP

Identification

A) Infrared absorption: The infrared absorption spectrum should be concordant with the reference spectrum. B) Ultraviolet absorption.

Loss on Drying

≤1.0%

Melting Point

165 - 170°C

Chloride (Cl-)

13.9 - 14.6%

Limit of isoproterenone

Its absorptivity at 310nm, determined in solution containing 2mg per ml, us not more than 0.2

Palladium residue

≤1ppm

Residue on Ignition

≤0.2%

Solubility

Freely soluble in water; sparingly soluble in alcohol and less soluble in dehydrated alcohol; insoluble in chloroform and in ether.

Sulphates (SO₄)(2-)

≤0.2%

**SPECIFICATION
STATEMENT**The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific

	results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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