

Specification

Technical Data Sheet

CAS**51-56-9****STORAGE****Ambient****MOLECULAR WEIGHT****356.25****PRODUCT****DL-Homatropine hydrobromide**

Product number	14661549
CAS number	51-56-9
Molecular formula	C ₁₆ H ₂₁ NO ₃ ·HBr
Molecular weight	356.25 g/mol

PARAMETER**SPECIFICATION**

Appearance	White or yellowish powder crystalline powder or colorless crystals
Assay (HPLC)	>99.0%
Conclusion	Conforms to EP6
Identification	IR, Bromides reaction, chemical reaction
Loss on Drying	<0.5% (100°C, 2hrs)
pH	5% in water, 5 - 6.5
Colour of Solution	Less than B 9
Related Substance Homatropenole	<0.5%
Residual Solvents: Ethanol	<0.5%
Residual Solvents: Isopropanol	<1000ppm
Solubility	Freely soluble in water, sparingly in ethanol 95%
Sulphated Ash	<0.1%
Total Impurities	<1.0%
Single Unknown Impurity	<0.1%
Assay (Titration) on dried basis	99.0 - 100.5%

PARAMETER

SPECIFICATION

Solution Colour

5% in water, clear and colourless

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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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