



Certificate of Analysis

Product Name: Leucomethylene blue (Mesylate)

Cat. No.: CS-5553

CAS No.: 1236208-20-0

Batch No.: 67327

Chemical Name: 10H-Phenothiazine-3,7-diamine, N3,N3,N7,N7-tetramethyl-, methanesulfonate (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{27}N_3O_6S_3$

Molecular Weight: 477.62

Storage: 2-8°C, protect from light, stored under nitrogen

Chemical Structure:

ANALYTICAL DATA

Appearance: Light green to green (Solid)

Purity (HPLC): 97.02%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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