

Methylene Blue

CAS: 7220-79-3

Alternative names: Methylthioninium chloride, Methylthionine chloride

Striving to meet the wide range of needs of compounding pharmacists, providers, and patients, Medisca is proud to offer methylene blue, USP as part of its chemical portfolio.

From its roots as an industrial dye to its present-day applications in medicine and as a surgical/ diagnostic staining dye, the use of methylene blue has expanded significantly.

Due to the vast applications, it is important that patients are prescribed methylene blue for their specific condition for which a pharmacist formulates the required dosage form using USP-grade methylene blue.

Featured formulas

The Medisca formula library currently contains 9 methylene blue formulas, with more on the way to capture the variety of dosage forms patients need. Each formula is developed by formulation chemists with expertise in the art and science of formulation chemistry.

F 003 873 Atropine Sulfate 0.03 mg, Benzoic Acid 4.5 mg, Hyoscyamine Sulfate 0.03 mg, Methenamine 40 mg, Methylene Blue 5.4 mg, Phenyl Salicyliate 18 mg Oral Capsules

F 005 407 Methylene Blue 60 mg Oral Capsules

F 006 633 Methylene Blue 40 mg Oral Capsules

F 010 065 [Methylene Blue 200 mg Oral Capsules \(FREE\)](#)

F 010 067 Methenamine Hippurate 120 mg, Methylene Blue 20 mg Oral Capsules



Typical niches

Dentistry, skincare, analgesic and veterinary.

Product No.	Size
3297-04	25 g
3297-05	100 g
3297-09	1 Kg

Technical specification and quality

Physical state	Solid
Description	Dark green crystals or crystalline powder having a bronze-like luster.
Odor	Odorless or practically odorless.
Flammability	May be combustible at high temperature.
Solubility	Soluble in water and in chloroform; sparingly soluble in alcohol.
pH	n/a
Conditions to avoid	Moisture, sunlight and extreme temperatures. This product is heat, moisture and light sensitive.
Chemical stability	Stable under recommended storage conditions. Store in original container, tightly sealed, protected from direct sunlight and moisture. Keep refrigerated.
Expiration	36 months dating



Dive into methylene blue:
Exploring clinical evidence
for therapeutic applications

[Access free webinar](#)



Quality statement

Medisca conducts thorough due diligence to ensure the highest quality measures are met at the source. All products undergo testing to verify the quality of the product including, full compendial testing, elemental impurity testing, residual solvent testing, and particle size testing for micronized products where applicable.

For more information

1-800-932-1039 [medisca.com](https://www.medisca.com)



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