



SCAN FOR CLICKABLE LINKS



INFO-DOC: METHYLENE BLUE

Methylene blue's benefits include **treating methemoglobinemia, a rare blood disorder, and it is used as a surgical dye. It also shows potential as an anti-aging agent, for cognitive support by boosting mitochondrial function, and as an adjunct therapy for certain psychiatric conditions like depression and anxiety.** Its other applications involve aiding in pain management and being explored for its effects against cancer, certain infections, and in photodynamic therapy. [[1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#)]

Medical treatments

- **Methemoglobinemia:** Methylene blue is an approved treatment for this rare blood disorder, which prevents hemoglobin from carrying oxygen effectively. [[1](#), [2](#)]
- **Surgical and diagnostic dye:** It is used to stain tissues for better visibility during surgery and to help identify damaged or leaky areas. [[1](#), [8](#)]
- **Antidote:** It can be used to treat certain drug toxicities and is sometimes used for effects of cyanide poisoning. [[1](#), [8](#)]
- **Cancer therapy:** When used with light, methylene blue is being explored for its potential to destroy cancer cells in photodynamic therapy. [[8](#), [9](#)]
- **Pain management:** It is used for pain relief, particularly for conditions like oral mucositis, which can be a side effect of chemotherapy. [[8](#), [11](#)]

Potential and emerging benefits

- **Cognitive support:** By enhancing mitochondrial function and acting as an antioxidant, it may help improve cognitive clarity, focus, memory, and combat age-related cognitive decline and neurodegenerative diseases. [[3](#), [4](#), [7](#), [12](#)]
- **Anti-aging:** Due to its role in cellular energy and its antioxidant properties, it is being researched as a potential anti-aging agent. [[3](#), [4](#), [13](#)]
- **Mental health:** Small studies suggest it could help with mood disorders like depression and anxiety by modulating certain brain chemicals and reducing oxidative stress. [[3](#), [5](#), [6](#)]
- **Mitochondrial and energy support:** It is being investigated for conditions like chronic fatigue and long COVID due to its ability to support cellular energy metabolism. [[5](#)]
- **Antimicrobial/Antiviral:** It has shown potential as an antiviral agent and has been studied for use against certain bacteria and fungi. [[5](#), [10](#)]



Important considerations

- **Consult a healthcare provider:** Due to potential risks and interactions with other medications (such as serotonin syndrome risk), methylene blue should only be used under the guidance of a healthcare professional, and self-medication is not recommended. [14]
- **Off-label use:** Many of the reported "brain-boosting" or anti-aging benefits are not FDA-approved and require more research. [10, 14, 15, 16]

More information

Methylene Blue: Miracle Cure or Medical Myth? Dr Brandon Crawford, DC, FIBFN-CND
<https://yourbesthealthy.life/page-2.php?nid=87>

The benefits of Methylene Blue: What is Methylene Blue, is it safe? What dosages to take.
YOUTUBE: Is Methylene Blue worth the RISK? Dr. Boz [Annette Bosworth, MD]
<https://yourbesthealthy.life/page-2.php?nid=85>

Methylene Blue: YOUTUBE: Expert Answers the Internet's Top Questions About Methylene Blue | Don't Look Up
<https://yourbesthealthy.life/page-2.php?nid=86>

Mel Gibson talks about friends who are cancer free after using OTC supplements like Ivermectin, Fenbendazole and METHYLENE BLUE:
<https://yourbesthealthy.life/page-2.php?nid=20>



PURCHASE OPTIONS: <https://amzn.to/4ocHAKE>

Certificate of Analysis FAQ

Observation:	Meaning:
A substance is listed	The substance was tested for, whether found or not found
"LOD"	"Limit of Detection," the lowest concentration that this test can find
"< LOD" or "less than LOD"	None found; real value anywhere from 0 to LOD
Analyst/company not identified	Probably a fake CoA
No contact info or not on letterhead	Probably a fake CoA
Substance of concern not listed	Substance not tested for; it might or might not be present
No third party identified	Probably not a real third-party analysis
Concentration listed as 0	Same as "less than LOD"; might not actually be 0

**CHOOSE QUALITY & WELLNESS
CHOOSE BIOPHARM
METHYLENE BLUE**

	Biopharm	Others
USP Grade Methylene Blue (10 mg/mL)	✓	✗
3rd Party Tested with Verifiable Certificate	✓	✗
Pharmaceutical Grade Formula	✓	✗
Formaldehyde Free	✓	✗
No Fillers, Fake Dyes, or Other Additives	✓	✗
Lab-Verified Potency for Quality & Cognitive Wellness	✓	✗
In-House Degreed Chemists on Staff & Management	✓	✗
Trusted by Customers Worldwide for over 45 Years	✓	✗

For 1% solutions:

1 drop = 0.5 mg MB
2 drops = 1 mg MB
10 drops = 5 mg MB
20 drops = 10 mg MB
drops ÷ 2 = # mg MB
20 drops = 1 mL
1 mL = 10 mg MB
1000 drops per 50 mL bottle
4740 drops per 8 fl oz bottle
5000 drops per 250 mL bottle



SOURCES

- [1] <https://sc.edu/uofsc/posts/2025/06/06-convo-hofseth-meth-blue.php>
- [2] <https://my.clevelandclinic.org/health/drugs/20881-methylene-blue-injection>
- [3] <https://www.thepiazzacenter.com/blog/5-benefits-of-methylene-blue-and-other-unexpected-power-tools-dr-piazza-recommend/>
- [4] <https://pubmed.ncbi.nlm.nih.gov/34943887/>
- [5] <https://lumistry.com/blog/methylene-blue/>
- [6] <https://relivehealth.com/iv-vitamin-therapy/the-energy-boosting-benefits-of-methylene-blue/>
- [7] <https://relivehealth.com/iv-vitamin-therapy/how-methylene-blue-supports-cognitive-health/>
- [8] <https://www.health.harvard.edu/diseases-and-conditions/what-to-know-about-methylene-blue>
- [9] <https://www.medicalnewstoday.com/articles/methylene-blue-benefits>
- [10] <https://www.drugs.com/medical-answers/what-benefits-methylene-blue-3579794/>
- [11] <https://www.cfspharmacy.pharmacy/blog/post/the-many-clinical-uses-of-methylene-blue>
- [12] <https://www.sciencedirect.com/topics/neuroscience/methylene-blue>
- [13] <https://www.webmd.com/a-to-z-guides/methylene-blue>
- [14] <https://baptisthealth.net/baptist-health-news/methylene-blue-benefits-risks-and-expert-guidance>
- [15] <https://www.verywellhealth.com/methylene-blue-11773770>
- [16] <https://www.medicalnewstoday.com/articles/methylene-blue-benefits>

