

Certificate of Analysis

Stirling Professional

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CAL Project ID: STIR250714

CAL Sample ID: 39822
Sample Received: 6/25/2025
Report Generated: 7/14/2025

Methylene Blue 1%

Batch No.: 0725A241

Compound	Reporting Unit	Result
Methylene Blue Assay		
Methylene Blue	%	1.03 ± 0.01
Heavy Metals		
Arsenic	ug/g	<1.0
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Cadmium	ug/g	<1.0
Copper	ug/g	<1.0
Lead	ug/g	<1.0
Mercury	ug/g	<1.0
Zinc	ug/g	<1.0
Residual Solvents		
Methylene Chloride	Qual	Not Detected
Chloroform	Qual	Not Detected
Trichloroethylene	Qual	Not Detected
1,4-Dioxane	Qual	Not Detected

Methylene Blue Assay Method (Corrected for USP Grade Methylene Blue):

- Assay by HPLC (CEN-IR-QA-SOP-HPLC-001.02 – Assay for Organic Compounds by HPLC)

Heavy Metals Quantitative Method:

- Heavy Metals Digestion (CEN-IR-QA-SOP-ICP-004.01 – General Preparation of Samples for Digestion Using MPS_320 Microwave Digest)
- Heavy Metals by ICP-OES (CEN-IR-QA-SOP-ICP-001.03 – Elemental Content Using ICP-OES)

Residual Solvents Qualitative Screen Method:

- Residual Solvents by HS-GCMS (CEN-IR-QA-SOP-GC-008.03 – Quant Analysis for VOCs by Headspace GC)
- Residual Solvents by GCMS (CEN-IR-QA-SOP-GC-002.02 – Quant Analysis for Organic Compounds by GC)


Michael Flournoy - Laboratory Director

7/14/2025 11:39 AM

Date/Time Approved

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**Methylene Blue - 600mg**

Issue Date 07/21/2025
Revision Date 07/21/2025

Ref. 20250721

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Methylene Blue 1%
Product Use	Personal Care
Restrictions for use	See Section 16
Manufacturer/Supplier	Stirling Professional 2500 Regency Parkway Suite 283 Cary, NC 27518 USA
Product Information	800-201-2840 X2
Product Ingredients	Triple distilled purified water, Organic vegetable glycerin, Organic Blueberry Extract, Organic Elderberry Extract, Natural Flavors, and Methylene Blue USP Grade (99.99%)
Product Flavor	Natural
Product formula	600mg

SECTION 2. HAZARDS IDENTIFICATION

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

Others Hazards

No applicable data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain components that require disclosure according to OSHA Communication Standard 2012.

SECTION 4. FIRST AID MEASURES

General advice	No applicable data available
Inhalation	No hazards which require special first aid measures.
Skin contact	No hazards which require special first aid measures.
Eye contact	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Ingestion	No hazards which require special first aid measures.
Most important symptoms/ effects, acute & delayed	No applicable data available.
Protection of first-aiders	No applicable data available.
Notes to physician	No applicable data available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Water, Foam, Dry Chemical, Carbon Dioxide (CO2)
Unsuitable extinguishing Media	No applicable data available.
Specific hazards	No specific hazards associated with this product.
Special protective	Standard approved fire fighting equipment. No additional breathing apparatus or protective required.
Further information	Evacuate personnel to safe areas. Evacuate personnel and keep upwind of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before preceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel)	No applicable data available.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Spill clean-up	Contain spillage, sweep up and transfer to a container for disposal according to local/national regulations (see section 13).
Accidental release measure	No applicable data available.

SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Handling (Personnel)	No special precautions are needed in handling this material
Handling (Physical Aspects)	No applicable data available.
Dust explosion class	No applicable data available.
Storage	Store in a cool, dry place. Keep container closed to prevent contamination. Protect from exposure to light.
Storage period	No applicable data available.
Storage temperature Maximum temperature	No applicable data available. 30° C (86° F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Respiratory	A respiratory program that meets country requirements protection must be followed whenever workplace conditions warrant respirator use. Consult the OSHA respiratory protection information located at 29CFR 1910.134.
Eye protection	No safety glasses with side shields needed.
Skin and body	No skin/body protection needed.

Exposure Guidelines

This product does not contain any exposure limits that exposure limit values require disclosure according to OSHA Hazard Communication Standard 2012.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid
Form	Liquid
Color	Blue
Odor	Characteristic
Odor threshold	No applicable data available.
pH	No applicable data available.
Melting point/ Freezing point	-5 °C (23 °F) estimated
Boiling point	>300 °C (572 °F) estimated
Flash point	>220 °C (428 °F)
Evaporation rate	No applicable data available.
Flammability (solid/gas)	No applicable data available.
Upper explosion limit	No applicable data available.
Lower explosion limit	2.6 % volume estimate information taken from reference works and literature.
Vapor pressure	<0.00001 hPa at 20° C (68° F) estimate information taken from reference works and literature.
Vapor density	No applicable data available.
Specific gravity (relative density)	No applicable data available.

SAFETY DATA SHEET

THC Free CBD + CBG Oil - 4000mg

Water solubility	<0.001 g/l
Solubility(ies)	No applicable data available.
Partition coefficient: n-octanol/water	log Pow: -1.04 estimate information taken from reference works and literature.
Auto-ignition temperature	400°C estimate information taken from reference works and literature.
Decomposition temperature	>129°C
Viscosity, kinematic	No applicable data available.
Viscosity, dynamic	27-33 mPa.s at 20°C (68°F) estimated

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No applicable data available.
Chemical stability	Stable at normal temperatures and storage conditions.
Possibility of hazardous	Hazardous polymerization will not occur.
Conditions to avoid	No applicable data available.
Incompatible materials	No applicable data available.
Hazardous decomposition products	No decomposition if stored normally.

SECTION 11. TOXICOLOGICAL INFORMATION

Further information	No data is available on the product itself.
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Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological
information

No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods-
Product

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations

Contaminated packaging

No applicable data available.

SECTION 14. TRANSPORT INFORMATION

Not regulated in transportation by DOT/IMO/IATA

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

TSAC

On the inventory, or in compliance with the inventory

SARA 311/312 Hazard
classification

No SARA Hazards

SARA 313 Regulated
Chemical(s)

This material does not contain any chemical compounds with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop. 65

This product does not contain any substances requiring a warning under the Safe Drinking Water and Toxic Enforcement Act.

SECTION 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. This information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty of quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.