

Product : Methylene Blue Trihydrate USP
 Catalog# : CG6203
 CAS : 7220-79-3
 Formula : C₁₆H₁₈ClN₃S·3H₂O
 MW : 373.90
 Grade : USP
 Lot/Batch# : 2308MB001
 Release Date : 01/2024
 Retest Date : 12/2026

Analytical Results

TEST	SPECIFICATION	RESULTS
Appearance	Dark green crystalline powder	Dark green crystalline powder
Identification	Conforms to standard	Conforms
Assay (Dry Basis)	98.0 – 103.0 %	102%
Loss on drying	8.0 to 18.0 %	12%
Residue on ignition	≤ 1.2%	< 0.86%
Arsenic (As)	≤ 8 ppm	Not detected
Copper (Cu)	≤ 200 ppm	< 91 ppm
Zinc (Zn)	No turbidity is produced within 5 minutes.	Complies
Chromatographic purity	To pass the test	Passes test
Heavy Metals	≤ 5 ppm	< 5 ppm
Residual solvents		
Methylene chloride	≤ 290 ug/g	< 290 ug/g
Chloroform	≤ 50 ug/g	< 50 ug/g
Trichloroethylene	≤ 50 ug/g	< 50 ug/g
1,4-Dioxane	≤ 200 ug/g	< 200 ug/g

Intended Use: Purchaser should determine the suitability and quality of product for its intended use. Dawn SCI provides report in good faith and to the best of its knowledge. It should not be substituted for the users own raw material data.

Storage Information: Unless otherwise noted on the product label, store the product under normal lab conditions in its tightly closed, original container. Do not pipet directly from the container or return unused portions to the container.

Handling and Use: Please refer to the associated product label and Safety Data Sheet (SDS) for information regarding safety and handling of this product.

Note: This certificate of analysis cannot be reproduced or transfer without written permission of DAWN SCI.

Verified By



Deval Panara