



CERTIFICATE OF ANALYSIS Report No. : A202504090090

Sample : METHYLENE BLUE TRIHYDRATE CAS 7220-79-3

Mfd. By : NS

Recd. On : 09/04/2025

Supplied By : NS

Mfg lic. No. : NS

Submitted By : P.H.A.R.M. LLC

Ref. No. : NS

Address : 2580 Highway 42W, Bedford, KY 40006 (United States)

Batch No	Mfg. Date	Expiry Date	Batch Size	Sample Quantity
C25MBZF24	24/03/2025	23/03/2027	500 Kg	100 gm

Sample ID 202504090090 Date of start of analysis 09/04/2025 Date of completion of analysis 16/04/2025

Reference to protocol : USP-2024 & <232> (FOR ORAL CONCENTRATION)

Description : Green Powder

<Parameters>	<Results>	<Lower limit>	<Upper limit>	<Method>
Residue on ignition	: 0.06 % w/w	-	0.150 % w/w	USP
Loss on drying	: 8.21 % w/w	8.0 % w/w	24.0 % w/w	USP
Bacterial Endotoxins	: Less than 0.50 EU/mg	-	0.50 EU/mg	USP
Assay of C16H18CIN3S,(by HPLC),on dried basis	: 97.95 % w/w	97.0 % w/w	103.0 % w/w	USP

Microbial Contamination (as per USP) :

E.coli/g	: Absent
Salmonella/10g	: Absent

Elemental Impurities (by ICP-MS) :

# Cadmium (as Cd)	: Not Detected	-	0.50 mcg/g	APL/CHE/STP-085
# Lead (as Pb)	: Not Detected	-	0.50 mcg/g	APL/CHE/STP-085
# Arsenic (as As)	: Not Detected	-	1.50 mcg/g	APL/CHE/STP-085
# Mercury (as Hg)	: Not Detected	-	3.0 mcg/g	APL/CHE/STP-085
# Cobalt (as Co)	: Not Detected	-	5.0 mcg/g	APL/CHE/STP-085
# Vanadium (as V)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Nickel (as Ni)	: Not Detected	-	20.0 mcg/g	APL/CHE/STP-085
# Thallium (as Tl)	: Not Detected	-	0.80 mcg/g	APL/CHE/STP-085
# Gold (as Au)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Palladium (as Pd)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Iridium (as Ir)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Osmium (as Os)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Rhodium (as Rh)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Ruthenium (as Ru)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Selenium (as Se)	: Not Detected	-	15.0 mcg/g	APL/CHE/STP-085
# Silver (as Ag)	: Not Detected	-	15.0 mcg/g	APL/CHE/STP-085
# Platinum (as Pt)	: Not Detected	-	10.0 mcg/g	APL/CHE/STP-085
# Lithium(as Li)	: Not Detected	-	55.0 mcg/g	APL/CHE/STP-085
# Antimony (as Sb)	: Not Detected	-	120.0 mcg/g	APL/CHE/STP-085
# Barium (as Ba)	: Not Detected	-	140.0 mcg/g	APL/CHE/STP-085
# Molybdenum (as Mo)	: Not Detected	-	300.0 mcg/g	APL/CHE/STP-085
# Copper (as Cu)	: 43.34 mcg/g	-	300.0 mcg/g	APL/CHE/STP-085
# Tin (as Sn)	: Not Detected	-	600.0 mcg/g	APL/CHE/STP-085
# Chromium (as Cr)	: 0.368 mcg/g	-	1100.0 mcg/g	APL/CHE/STP-085

Remarks :- In the opinion of the undersigned the sample referred to above conforms with respect to the above parameters only.

Remark : Parameters marked # indicates parameters are sub-contracted to other laboratory.

Report : CUSTOMER ASKED FOR THE ABOVE TESTS ONLY.



***Terms & Conditions:**

- (1) Total liability of this laboratory is limited to the invoice amount.
- (2) Sample not drawn by the laboratory, unless specified. The results apply to the samples as received.
- (3) The results listed refer only to the tested sample and applicable parameter. Endorsement of products is neither inferred nor implied.
- (4) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of Law and should not be used in any advertising media without our special Permission on writing.

To verify Report Scan this Code.

Sarvesh Tiwari
 Person in Charge
 Tuesday, Apr 22, 2025
 Person in Charge