



Approval No.: W 26(8)/LAB

CERTIFICATE OF ANALYSIS

Report No. : A202501230161

Sample : METHYLENE BLUE TRIHYDRATE CAS 7220-79-3

Mfd. By : NS

Recd. On : 23/01/2025

Supplied By : QUANTUM INNOVATION LABS

Mfg lic. No. : NS

Submitted By : QUANTUM INNOVATION LABS

Ref. No. : NS

Address : 1999 Harrison St, Suite 1800 #9031 Oakland, CA 94612, Oakland, United States (USA)- 94612

Batch No	Mfg. Date	Expiry Date	Batch Size	Sample Quantity
L24MBZF24	24/12/2024	23/11/2026	500 Kg	100 gm

Sample ID	202501230161	Date of start of analysis	24/01/2025	Date of completion of analysis	01/02/2025
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Elemental Impurities (LOD) : 0.002 mcg/g

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

<Parameters>	<Results>	<Lower limit>	<Upper limit>	<Method>
Residue on ignition	: 0.05 % w/w	-	0.150 % w/w	USP
Loss on drying	: 12.83 % 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 C16H18ClN3S,(by HPLC),on dried basis	: 98.03 % 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)	: 0.982 mcg/g	-	10.0 mcg/g	APL/CHE/STP-085
Nickel (as Ni)	: 0.937 mcg/g	-	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)	: 82.98 mcg/g	-	300.0 mcg/g	APL/CHE/STP-085
Tin (as Sn)	: Not Detected	-	600.0 mcg/g	APL/CHE/STP-085

Silpi Kalita. (Person In Charge)

Person In Charge

Saturday, Feb 01, 2025



ARBRO™
PHARMACEUTICALS PRIVATE LIMITED
Analytical Division

ISO 9001 : 2015 Certified & Govt. Approved Test House

4/9, Kirti Nagar Industrial Area, New Delhi - 110015 (INDIA)

Phone : +91 11-45754575, Email : arbrolab@arbropharma.com, Website : www.testing-lab.com



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24/12/2024

23/11/2026

500 Kg

100 gm

Sample ID 202501230161

Date of start of analysis

24/01/2025

Date of completion of analysis

01/02/2025

Chromium (as Cr) : 15.37 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.

Report : CUSTOMER ASKED FOR THE ABOVE TESTS ONLY.



To verify Report Scan this Code.

***Terms & Conditions:**

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(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.

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Silpi Kalita. (Person In Charge)

Person In Charge

Saturday, Feb 01, 2025