



OFFICE

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FACTORY

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METHYLENE BLUE ZINC FREE USP28

(PART NUMBER: 50-30-7220793)

TECHNICAL DATA

CAS #	7220-79-3
HTS#	3204.1300.90
SYNONYMS	Tetramethylthionine Chloride Trihydrate, 3-Methochloride Trihydrate; Basic Blue 9 Trihydrate; C.I .52015 Trihydrate; Methylene Blue Trihydrate; Methylthionine Trihydrate
MOLECULAR FORMULA	C ₁₆ H ₂₄ Cl N ₃ O ₃ S
MOLECULAR WEIGHT	319.85
DESCRIPTION	Dark green crystalline powder, odourless, highly hygroscopic
IDENTIFICATION	Complies with the infrared absorption test of USP28
ARSENIC	Not more than 8hrs per million
COPPER	Not more than 0.02% max
ZINC	Not more than 0.02% max
VOLATILE ORGANIC COMPOUNDS	Complies a per tests stipulated by USP28
RESIDUE ON IGNITION	1.2% max
MOISTURE CONTENT	8.0 to 18.0%
ASSAY	98.0 to 103.0% on dry basis. Max absorption between 663 and 665 N.M.

COMMERCIAL DATA

STANDARD PACKAGING	25 kgs. (net) new, polylined, HDPE drums. We keep small quantities of this material in ready stock
KNOWN APPLICATIONS	Redox indicator; Peroxide generator; Sulphide analysis; indicator to determine living cells; non-selective inhibitor of NO synthase in neurology

CONTACT INFORMATION

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