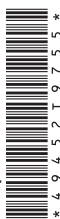


Label Information

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.

Exp. Date: 00-00-0000



USE CARE: This material has been evaluated per GHS/OSHA criteria and is not classified as hazardous. All chemicals may pose unknown hazards and must be used with caution. Use personal protection and safe handling methods consistent with proper workplace safety practices. Consult SDS for additional properties and precautions. If adverse reaction occurs seek medical attention.

KEEP FROM CHILDREN

WARNING:

Cancer and Reproductive Harm-
www.P65Warnings.ca.gov

T9755

SIZ SY

Trismat® Hydrochloride

[Spectris™ Hydrochloride;
Tris(hydroxymethyl)aminomethane

Hydrochloride]

Biologics Plus

cGMP, bioCERTIFIED™

CAS 1185-53-1



CAUTION: For manufacturing or laboratory use only.
Read and understand the label and Safety Data Sheet (SDS) prior to use.

Chemical Emergency: (800)424-9300

www.SpectrumChemical.com

$C_4H_{11}NO_3 \cdot HCl$

F.W. 157.59

Trismat® is a registered trademark of Spectrum Chemical. Not sterile.

Assay, Dried Basis, by TitrationMin. 99.5%
pH of a 1M Solution3.7-4.7
Identification (IR)To pass test
AppearanceTo pass test
pKa, 20°C8.0-8.4
Melting Point150.0-153.0°C

MAXIMUM LIMITS

Solubility (1M, Aqueous)Clear, colorless
Water (Karl Fischer)0.50%
Loss on Drying, @ 110°C0.4%
Total Trace Metals5 ppm
Iron1 ppm
Residue on Ignition0.1%
UV Absorbance @ 260 nm (1.0M in H₂O)0.02
UV Absorbance @ 280 nm (1.0M in H₂O)0.02
UV Absorbance @ 400 nm (1.0M in H₂O)0.01
Bacterial Endotoxins2.5 EU/g
Microbial Limits:
Bioburden100 CFU/g
TYMC100 CFU/g
DNaseNot detected
RNaseNot detected
ProteaseNot detected

HYGROSCOPIC: Keep tightly closed.

G 1/L10GHS

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Lot No. XQ####

Spectrum Chemical Mfg Corp

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New Brunswick, NJ 08901

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