

Product Specifications



SCIENTIFIC

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An ISO 9001 Certified Company

TRIS ACS Grade

Product Number

Size

IB70142	500gm
IB70144	1kg
IB70145	5kg
IB70147	50kg

PHYSICAL SPECIFICATIONS

Molecular Formula	$C_4H_{11}NO_3$
Molecular Weight	121.14
Appearance	White Crystals or Powder
pH (0.05M in H_2O @ 25°C)	10.3 - 10.5
Moisture	Max. 2.0%
Insolubles	Max. 0.005%
A_{280} (1M, water)	Max. 0.05
A_{290} (40% solution in H_2O)	Max. 0.2
Arsenic	< 5ppm
Lead	< 1ppm
Iron	< 2ppm
Copper	< 1ppm
Magnesium	< 10ppm
Electrophoresis	Pass
DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

STORAGE

Store at room temperature. Protect from moisture.

CAS NO.

CAS# 77-86-1

WARNING

Classification: Skin Irritant - 2 / Eye Irritant - 2

Hazard Statements: H315-Causes skin irritation • H319-Causes serious eye irritation • H335-May cause respiratory irritation.

Precautionary Statements: P261-Avoid breathing dust/fume/gas/mist/vapors/spray • P305+P351+P338-IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



WARNING!

RECOMMENDED USE

IBI Tris is commonly used in biological and electrophoresis buffer systems.

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.