



Trypan Blue Solution (0.4%) (TB)

Catalog Number: 0203

Product Description

Trypan Blue ($C_{34}H_{24}N_6Na_4O_{14}S_4$, MW 960.81) solution is a stain used to distinguish viable from nonviable cells. Nonviable cells will absorb the dye and appear blue, while viable cells will exclude the dye. Cells should be in a single cell suspension in buffered saline before counting. Since trypan blue has a higher affinity for serum protein than for cellular proteins, suspending the cells in medium containing serum will generate a dark background.

Formula

Trypan Blue	4,000 mg/L
NaCl	8,500 mg/L

Specifications

pH	7.2 ± 0.2
Osmolality (mOsm)	300 ± 20
Appearance	Dark blue liquid
Cell culture test	Pass
Sterility	Negative
Storage	15°C to 30°C

Note: Product was tested on appropriate primary cells. The % viability was determined and compared to values obtained using a control lot.

Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or in vitro procedures.

Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.