



Product Specification

cdhfinechemical.com

W.B.C. DILUTING FLUID (TRUCK'S)

PRODUCT CODE 902550

SYNONYMS (WBC diluting fluid)

Intended Use

WBC diluting fluid is used for performing the WBC (Leucocyte) count.

Principle And Interpretation

WBC diluting fluid is used for performing the WBC (Leucocyte) count. Glacial acetic acid lyses the red cells. Gentian violet slightly stains the nuclei of the leucocytes. The blood specimen is diluted 1:20 in a WBC pipette with the diluting fluid and the cells are counted under low power of the microscope by using a counting chamber. The number of cells in undiluted blood is reported per cumm (μ l) of whole blood.

PARAMETER	LIMIT
Description	Bluish violet coloured clear solution.
Solubility	Miscible with water.
Wt. per ml at 20°C	About 1.010 g
Suitability test	Passes test.

Directions

1. Draw EDTA anticoagulated blood to 0.5 mark in the capillary end of WBC pipette.
2. Carefully, wipe excess blood outside the pipette by using cotton.
3. Draw diluting fluid up to 11 mark.
4. Mix the contents in pipette and after 5 minutes by discarding few drops, fill the counting chamber and allow the cells to settle for 2-3 minutes.
5. Focus on 1 of the "W" marked areas (each having 16 small squares) by turning objective to low powder.10X
6. Count cells in all 4 "W" marked corner squares.

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements :

Precautionary statements

Prevention:

Response:

Disposal: -----

Hazard Pictogram(s) :--

IMDG Code :

UN No. :

IATA :

Replace date 23-Dec-2023