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## Product Specification

# BRILLIANT CRESYL BLUE AQUEOUS SOLUTION (For reticulocyte count)

CAT. NO. : STS031  
GRADE : LR  
CAS NO. : \_  
FORMULA : \_  
M.W. : \_

Suitability test  
Relative density  
pH value

Passes test  
1.01g/cm<sup>3</sup>  
2.0-4.0

### Directions for Use

1. Using a plastic Pasteur pipette, add **2-3 drops** of Brilliant Cresyl Blue solution into a **75 × 10 mm** plastic tube.
2. Add **2-4 volumes** of the patient's **EDTA-anticoagulated blood** to the solution. Mix thoroughly.
3. Incubate the mixture at **37 °C** for **15-20 minutes**.
4. Gently resuspend the red cells by mixing, then prepare blood films on clean glass slides in the usual manner.
5. Allow the films to air dry.
6. Examine the films directly — **do not fix or counterstain**.

### Results

- **Staining characteristics:** Reticulocytes appear individually, showing a **dark blue network** and **dark blue dots** against the background.
- **Counting method:** The **reticulocyte count** is expressed per 1,000 erythrocytes counted (i.e., in ‰, per mille).

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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