



## **MASTERTECH BULLETIN**

*(Revised 03/08/18)*

# **OPTIMIZED GIEMSA BUFFER**

### **OPTIMIZED GIEMSA BUFFER, THE PRODUCT AND ITS PURPOSE:**

**Optimized Giemsa Buffer** was developed to increase metachromatic staining of Bone Marrow and other Tissue Sections. **Optimized Giemsa Buffer** is for use with AMTS Giemsa, Giemsa/May Grunwald and Wright-Giemsa reagents and procedures. **Optimized Giemsa Buffer** is specially formulated to provide optimal Bone Marrow and Gastric Tissue staining when standard Phosphate Buffer pH 6.8 is not providing the colors pathologists are used to.

### **OPTIMIZED GIEMSA BUFFER, INSTRUCTIONS FOR USE:**

**Optimized Giemsa Buffer** is to be used in place of Phosphate Buffer pH 6.8 in Giemsa, Giemsa/May Grunwald and Wright-Giemsa procedures for Bone Marrow and Tissue sections such as Gastric Tissue. No change to times or procedure other than replacing the pH 6.8 Buffer is necessary.

**Note:** Optimized Giemsa Buffer is not recommended for Blood Smears.

### **OPTIMIZED GIEMSA BUFFER, PRECAUTIONS:**

Although **Optimized Giemsa Buffer** is non-hazardous and non-toxic, it should be handled with care. As with any laboratory reagent this product should only be used when wearing proper laboratory clothing, including eye protection and gloves. Always practice good laboratory hygiene after use.

### **OPTIMIZED GIEMSA BUFFER, DISPOSAL:**

In most areas **Optimized Giemsa Buffer** can be diluted and disposed via the local sewer system with running tap water.

### **OPTIMIZED GIEMSA BUFFER, EXPIRATION:**

Shelf life of **Optimized Giemsa Buffer** is 9 months.

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