

**S0660**

**Grams Iodine Concentrate**

**GCC Diagnostics**

For the easy preparation of aqueous Iodine ( Gram) reagent for use in routine staining in Microbiology. Intermediate stain in the Gram Stain Technique.

The use of the concentrate avoids the need to weigh out contaminating stain powders, virtually eliminates error in reagent preparation and produces ready to use stain in less than a minute .

**Specification:**

Each bottle contains iodine / iodide mixture in an aqueous glycol solvent system.

Each bottle will make 1 litre of Grams Iodine (aq).

Shelf life of concentrate is 3 years. Made-up reagent should be used within 1 year.

**Method:**

To a 1 litre container add the contents of the concentrate bottle, rinse out the bottle with cold deionised water, add the rinsing to the container and make up to 1 litre volume with cold deionised water, mix well and reagent is ready for immediate use.

Give the reagent a lot/batch number, record the date of preparation and state the expiry date of 12 months from date of preparation.

Storage: Reagent is stable at cool room temperature in darkened cupboard for the shelf life.

**Health & Safety:**

Concentrate and prepared reagent will stain the skin and eyes and other tissue. In normal usage there is no real risk to physical Health & Safety. If in contact with eyes rinse with eye batch for 5 minutes. If soreness persists seek medical attention. In case of contact with skin wash with soap and water. If ingested, wash out mouth with water, do not swallow rinse water, seek medical attention on what treatment to administer. R: 36 S: 24-25-36

**Waste disposal :**

In the volumes involved in this procedure, the product can be disposed of to the public sewer system diluting it with water during disposal. However, local regulations may change and the user should follow local regulatory requirements. The bottle is polyethylene and should be re-cycled.

**Unsatisfactory performance**

As part of our duty to monitor product performance and our policy of continual improvement. Please report to us any unsatisfactory performance you may experience with this product. If any reagent degrades before expiry of shelf life we will replace that reagent free of charge. GCC Diagnostics guarantees the quality of this product, the user should however determine the suitability of this product for their intended use.

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