Document Number:	**SASoM/METHOD/067.v4**
Title:	**Preparation of Saturated Bromophenol Blue Solution**
Version:	**v4**
Author:	**Peter Mullen**

Effective from:	11/11/2020
Valid to:	11/11/2022

SOP History		
Number	Date	Reason for Change
v1	15/07/2014	Original
V2	15/07/2016	Biennial Review
V3	15/07/2018	Biennial Review
V4	11/11/2020	Biennial Review

1.0 Purpose –
This SOP describes the current procedure for preparing saturated bromophenol blue solution in Laboratory 248 at the St Andrews School of Medicine (SASoM).

2.0 Scope –
This SOP applies to the staff in the SASoM involved in preparing saturated bromophenol blue in Lab 248.

3.0 Responsibilities –
All staff involved in cell culture are responsible for ensuring that the methods are followed in accordance with this SOP.

All staff must have read and signed the relevant risk assessment documents before performing this procedure.

4.0 Procedure –

1. Add a heaped spatula full of solid bromophenol blue powder to distilled water in a universal container.
2. Mix
3. Continue to add more bromophenol blue.
4. Stop adding when no more will dissolve.
5. Centrifuge to pellet the undissolved powder.
6. Carefully transfer the saturated supernatant to a fresh tube.

5.0 Personal protection -

A Howie laboratory coat and lab gloves must be worn at all times.

6.0 Spillages -

Always clean up any spills immediately after use, only you know what you have spilt and are aware of its hazard. Spillages should be mopped up with paper towel, disinfected with 70% ethanol and finally washed with warm water.

7.0 Training -

8.0 Related documents – RA18265 SDS-PAGE Western Blotting

9.0 Approval and sign off –

Author:		
Name:	Peter Mullen	
Position:	Research Fellow	
Signature:		Date: 11/11/2020
Management Approval:		
Name:	Peter Mullen	
Position:	Research Fellow	
Signature:		Date: 11/11/2020
QA release by:		
Name:	Alex MacLellan	
Position:	QA Manager	
Signature:		Date: 11/11/2020