

	SOP-BCR-4.3	Preparation of Sodium Selenite (Se)	Author: S. Clouthier <i>S. Clouthier</i>	Rev: 1.0	Issued: 09/24/98 Revised: 7/13/12
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1.0 Purpose

The purpose of SOP 4.3 is to describe how to prepare Sodium Selenite (Se)

2.0 Scope

SOP 4.3 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Description	Storage Location
1.0	Sodium Selenite	Zinc finger protein inhibitor	Chemical Cabinet (026-314S)
2.0	HBSS	Hanks Balanced Salt Solution	Cold Storage (026-380C)

4.0 Procedure

- 4.1 Source: Sigma Chemicals S 9133, 1 mg size
- 4.2 Use at a final concentration of 20 µg/ml final
- 4.3 Dissolve 1 mg in 50 ml HBSS
- 4.4 Aliquot in 1 mL samples.
- 4.5 Store at -20°C until needed
- 4.6 Store remainder of aliquot (if any) at 4°C after thawing.

5.0 Applicable References

6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/13/12	CL	Updated room locations