Template

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*Not Responsible for Investigator's Use*

**NaCO-L-2.0M** **Master Compounding Record Preparation of 2.0M Sodium Carbonate**

***Preparation of 2.0M Sodium Carbonate _____***

**Raw Material Bill of Materials and Calculations Record**

| Component Name | Internal Tracking Number (ITN) | Desired Concentration | x | Target Volume | | Calculated Amount |
|---|---|---|---|---|---|---|
| **Sodium carbonate** | **SS-SOC-_____** | **2M** | **x** | **50ml** | **=** | **10.6g** |
| **water (Chelex)** | **CHELEX-L-_____** | | **x** | | **=** | **50ml** |

**Applicable Operating Procedures and References:**

1. **MPR-[$^{89}$Zr]-Protein**, "Master Production Record for Synthesis of [$^{89}$Zr]Protein Injection"

**Materials and Equipment:**

1. Analytical Balance
2. Graduated cylinder, 50 mL (to deliver)
3. Chelex water
4. Labels
5. 50ml graduated flask

**Guidelines:**

- Use clean dry graduated cylinders.

| STEPS |
|---|
| 1. Weigh 10.6g of Sodium Carbonate to a graduated flask. Fill the flask with chelex water till the marked line. |
| 2. Cap the flask and mix the contents thoroughly. Sonicate the solution until all the Sodium Carbonate is dissolved in water. Label the container with the contents, date made and the initials of the person who made the solution. Label with an expiration of 6 months. |

**Performed By/Date: _____ Checked By/Date: _____**



DRAFT

**QA Review: _____ Date: _____**

| PSOP: **NaCO-L-2.0M Master Compounding Record for Preparation of 2.0M Sodium Carbonate** | Supersedes: **None** |
|---|---|
| Effective Date: | Version: **V1** |

| Printed Name | Signature | Date |
|---|---|---|
| **Author:** | | |
| **Regulatory Approval:** | | |

*Procedure becomes effective on latest date of the two approval signatures above.*
*Procedure applies to all IND drugs.*

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