M.I. NO. 15 ~~XXXX~~ 9310	COMPOUNDING INSTRUCTIONS: 6 Molar Hydrochloric Acid (HCl)		STD. YIELD 100%
LOT NO. XXXX -	EFFECTIVE DATE DRAFT	SUPERSEDES NEW	ACTUAL YIELD 100%

QA Issued By L. Simms Date 09/04/08

HAZARD COMMUNICATION:

Hydrochloric Acid, 6M

DANGER:	CORROSIVE. AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION OF VAPOR AND MIST. DO NOT MIX WITH CAUSTICS OR OTHER REACTIVES.

Water For Injection

WARNING:	HOT. WFI IS MAINTAINED AT A TEMPERATURE OF 80E-95EC. TAKE NECESSARY PRECAUTIONS TO AVOID SKIN CONTACT AS BURNING MAY OCCUR. WEAR PROTECTIVE GLOVES WHILE PERFORMING PREVENTIVE MAINTENANCE ON THE STILL, TANKS AND PIPING OR HANDLING THE WATER IN PRODUCTION.

*** APPROVALS ***

	Development	Manufacturing	Operations	Quality Assurance
By	A. Pipettor	H. Worker	K. Going	S. Tight
Date	3/7/08	4/1/08	4/5/08	4/20/08

M.I. NO. 13 ~~XXXX~~ 9310	COMPOUNDING INSTRUCTIONS: 6 Molar Hydrochloric Acid (HCl)	
LOT NO. XXXX -	EFFECTIVE DATE **DRAFT**	SUPERSEDES NEW

1. Into a clean, calibrated container, collect approximately 100 L of water for injection (WFI) and cover the container. Let cool to ambient temperature.

Vessel ID Buchner 3210
Amt WFI Collected 101 L
Collected By MSL
Date/Time 11/24/08 / 1:35 AM/PM
Verified By KWY

15 (236 kg)

2. ***Slowly*** add 200 L of 36-38% [~12.4 M] HCl into the vessel containing the WFI and stir slowly.

^ MSL

Rec # HCl ~~28°C~~ CHEM 6633
Balance ID Rettler 1000N
Amt Weighed 236 kg
Weighed By MSL
Date/Time 11/24/08 / 1:55 AM/PM
Weight Verified By

HCl Added By MSL
Date/Time 11/24/08 / 2:36 AM/PM
Addition Verified By KWY

NOTE: Collected water must be used.

3. QS with WFI to 400 L. Add WFI *slowly*.

* Amt WFI Added 99 L
Added By
Date/Time 11/24/08 / 3:58 AM/PM
Final Vol in Container 400 L
Verified By
(* Final Volume - Volume at end of **Step 2.**)

M.I. NO. 11 XXXX 9310	COMPOUNDING INSTRUCTIONS: 6 Molar Hydrochloric Acid (HCl)	
LOT NO. XXXX -	EFFECTIVE DATE DRAFT	SUPERSEDES NEW

4. Complete vessel identification tag as follows and attach to tank.

HCl 6M

ID# 63179H

Date Compounded:

11/24/08

Compounded By:

Mary S. Laten

EXPIRY:
30 days from compounding

QA Reviewed By James B. Dalton