


# SOP for Reserpine

University of Washington

Standard Operating Procedures for Chemicals or Processes	
#1 Process (if applicable)	Mass spectrometer evaluation/calibration solution
#2 Chemicals	Reserpine is toxic if ingested and may be harmful if inhaled or absorbed through the skin. It may cause irritation to the gastrointestinal tract, respiratory tract, skin, and eyes. It is a suspected carcinogen, mutagen, and teratogen. Reserpine is a rauwolfia alkaloid that inhibits uptake of catecholamines and serotonin. It is used to treat hypertension and psychotic symptoms.
#3 Personal Protective Equipment (PPE)	<p><b>Hand Protection</b> Gloves must be worn. Use proper glove removal technique to avoid any skin contact.</p> <p><b>Eye Protection</b> tight-fitting glasses or goggles.</p> <p><b>Skin and Body Protection</b> Appropriately-fitting lab coat, long pants, closed-toe shoes.</p> <p><b>Hygiene Measures</b> Avoid contact with skin, eyes, and clothing. Wash hands before breaks and after handling.</p>
#4 Environmental / Ventilation Controls	NA
#5 Special Handling Procedures & Storage Requirements	<p><b>Precautions for safe handling:</b> Avoid contact with skin, eyes, and clothing. Avoid inhalation and ingestion. Avoid dust formation. <b>Conditions for safe Storage:</b> Keep container tightly closed in a cool, dry area. Avoid excessive heat and light.</p>
#6 Spill and Accident Procedures	<p><b>If inhaled</b> Move person into fresh air. Consult a physician.</p> <p><b>In case of skin contact</b> Flush with plenty of water for at least 15 minutes while removing contaminated clothing. Consult a physician.</p> <p><b>In case of eye contact</b> Flush eyes with plenty of water for at least 15 minutes lifting upper and lower eyelids and removing contact lenses. Consult a physician.</p> <p><b>If swallowed</b> Rinse mouth with water. Consult a physician.</p> <p><b>Spill</b> – Assess the extent of danger. Assist contaminated or injured persons. If possible, confine the spill to a small area using a spill kit or absorbent material. Keep others from entering contaminated area (e.g., use caution tape, barriers, etc.).</p> <p><b>Small</b> – If you have training, you may assist in the clean-up effort. Use appropriate personal protective equipment and clean-up material for chemical spilled. Double bag spill waste in clear plastic bags, label and take to the next chemical waste pick-up.</p>
#7 Waste Disposal	Use proper personal protective equipment and properly dispose chemical. According to UW general hazardous waste disposal guideline: label and coordinate pick up within 90 days.
#8 Special Precautions for Animal Use (if applicable)	NA

Particularly hazardous substance involved?	<u>  </u> YES:	Blocks #9 to #11 are Mandatory
	<u>  x  </u> NO:	Blocks #9 to #11 are Optional.
#9 Approval Required		
#10 Decontamination		
#11 Designated Area		
Name: Priska von Haller Title: PhD		
<div> <div>Signature: </div> <div>Date: 5/13/2025</div> </div>		

Environmental Health and Safety, Box 354400  
Supervisor

*\*to be filled in by PI or*