



Agilent Stabilization and Drying Solution

Product Information

The Agilent Stabilization and Drying Solution contains an ozone-scavenging compound dissolved in acetonitrile. The compound in solution is present in saturating amounts and may precipitate from the solution under normal storage conditions. If the solution shows visible precipitation, follow the procedure below to warm the solution and redissolve the compound. Washing slides using the Agilent Stabilization and Drying Solution showing visible precipitation will have a profound adverse effect on microarray performance.

WARNING

The Agilent Stabilization and Drying Solution is a flammable liquid. Warming the solution will increase the generation of ignitable vapors. Wear gloves and eye/face protection in every step of the procedure. Do the procedure in a vented fume hood.

Do not use an open flame or a microwave to warm the solution. Do not increase temperature rapidly. Warm and mix the material away from ignition sources.

Failure to follow the following process will increase the potential for fire, explosion, and possible personal injury.

The original container can be used to warm the solution. Container volume is 700 mL and contains 500 mL of liquid. If using a different container, maintain or exceed this headspace/liquid ratio to allow for vapor expansion. The time needed to completely redissolve the precipitate depends on the amount of precipitate present, and may require overnight warming if precipitation is significant.

NOTE

Inspect the bottle for chips or cracks prior to use.



To warm the Agilent Stabilization and Drying Solution:

- 1** Place bottle in a secondary container (tray or beaker) and place in a water bath at 37 to 40°C. Gentle inversion or mixing may be needed to completely dissolve precipitates.

CAUTION

DO NOT FILTER the Stabilization and Drying Solution.

- 2** After the precipitate is completely dissolved, let the covered solution stand at room temperature, allowing it to equilibrate to room temperature prior to use.
- 3** Open the solution in a vented fume hood and follow processing instructions described in the appropriate array processing manual.

Microarray processing manuals are available at www.agilent.com/chem/dnamanuals-protocols, and also included on the Microarray Kit Data Disk.

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Revision B, January 2010



5969-1586



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