



American MasterTech  
scientific laboratory supplies

# Morse's Solution

## Ready to Use Decalcification Solution

(Rev. 3/8/18)

### Morse's Solution, The product and its purpose:

**Morse's Solution** is a decalcifying reagent that maximizes the retention of RNA integrity while also providing rapid analysis of specific RNA expression while preserving morphology. **Morse's Solution** is recommended for rapid decalcification for in situ hybridization analysis of RNA. Active ingredient: Formic Acid (<25%). **Morse's Solution** is intended for In Vitro Diagnostic use only.

### Morse's Solution, Instructions for use:

1. Completely fix specimen prior to decalcification.
2. Rinse fixed specimen in running tap water at least 10 minutes.
3. Immerse specimen in **Morse's Solution**. To ensure adequate decalcification, specimens should be less than 1cm in thickness. Use 20 times the volume of **Morse's Solution** for each volume of specimen; periodically agitate the container to insure complete exposure of the specimen.
4. Determine decalcification end point using standard procedures, such as flexibility, resistance to probing, X-ray, or chemical analysis, using the **MasterCal™ End Point Test Kit**, (sold separately, see below).
5. If decalcification is incomplete, place specimen in a fresh change of **Morse's Solution** and repeat Steps 3 and 4 until specimen is completely decalcified.
6. Wash specimen in running tap water at least 10 minutes.
7. Process, embed and section specimen using standard procedures.

### Morse's Solution, End point determination:

To determine the end point of decalcification, perform physical flexibility, resistance to probing, X-ray, or chemical analysis using the **MasterCal™ End Point Test Kit, Item Number DCM1626**.

### Morse's Solution, Storage and Stability:

Store **Morse's Solution** at 15 - 30°C; it is stable under normal laboratory conditions.  
See product label for shelf life.






### Morse's Solution, Precautions:

See Safety Data Sheet (SDS) for warnings and precautions.

### Morse's Solution, Disposal:

Dispose **Morse's Solution** in accordance with all local, state, federal, environmental and/or EU regulations.

### CE MARKINGS AND DESIGNATIONS:

<b>REF</b>	Catalogue Number		Temperature Limitation		Manufacturer	American MasterTech Scientific 1330 Thurman St. Lodi, CA 95240 USA Tel 800 860 4073 Fax 209 368 4136
<b>LOT</b>	Batch Code		Use By	<b>EC REP</b>	Representative	Emergo Europe Prinsessegracht 20 2514 AP The Hague The Netherlands
<b>IVD</b>	In Vitro Diagnostic Medical Device		Consult Instructions Prior to Use	 GHS05	Corrosive	<b>CE</b>

1. Carson, Freida L. *Histotechnology: A Self-instructional Text*. Chicago: ASCP, 2009. 46-49. Print.

2. Modifications by AMTS Research & Development

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