

Technical Data Sheet 525A

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Gold Standard Peel-A-Way® Micro-Cut Paraffin

Cat. #24198 Gold Standard Micro-Cut Paraffin 56° to 58°C

Cat. #24201 Gold Standard Micro-Cut Paraffin 52° to 54°C

Cat. #24202 Gold Standard Micro-Cut Paraffin 62° to 64°C

Please refer to the MSDS for chemical and safety information.

Introduction

Gold Standard Micro-Cut Paraffin at 56° to 58°C melt point is a new low polymer paraffin introduced in the Peel-A-Way® line for routine Histology infiltration and embedding. This new paraffin formulation is more translucent to allow better presentation of the specimen. This allows small dermatological and biopsy specimens to be seen and sectioned more easily. The lower polymer content is easier to remove with all clearing agents. The viscosity is lower and allows complete infiltration using routine times established for most tissue processors. The paraffin does not interfere with IHC as it is easily removed and the limited polymer allows much lower crosslinking of the paraffin. This paraffin can be cut at room temperature or cold. Only the low melt point paraffin requires cooling for sectioning at ambient room temperature.

These paraffins are sold in 2.5Kg packages at 10Kg or 4 bags per case. This is a higher weight per case to allow more efficient planning and use in filling paraffin baths and embedding centers. The bags are lined paper and reclosable with a clip. They stand up for easy storage and handling.

Gold Standard Micro-Cut Paraffin is available in two additional melt points. Both of these paraffins share the same characteristics as the routine Gold Standard Micro-Cut Paraffin. The lower melt point is 52° to 54°C for a softer paraffin used with eyes and other difficult specimens requiring a lower melt point.

Gold Standard Micro-Cut Paraffin higher melt point for harder specimens will liquefy at 62° to 64°C. This paraffin is slightly harder in texture.

Tissue Processing and Infiltration

The routine protocol used by the laboratory can be used with no changes in either the alcohols or clearants. Infiltration times should remain the same and in some cases reduce slightly.

Embedding

The same paraffin formula should be used in the Embedding Center as in the tissue processor for most laboratories. All formulas should be used at the recommended temperature in the embedding center. Due to the stagnant nature of most embedding centers the paraffin should be stirred occasionally to assure proper distribution of the polymers and paraffin. Settling can occur if the embedding retort is not used routinely and should be stirred each time additional paraffin is added.

Deparaffinize:

Slides should be deparaffinized through xylene or substitute to remove the paraffin from the section and descending grades of ethyl alcohol to distilled water just prior to staining.

Staining Procedure:

Use the recommended staining procedure or protocol preferred by the individual laboratory for optimal staining.

Ordering Information:

Cat. #	Description	Size
24198	Gold Standard Micro-Cut Paraffin 56° to 58°C	4 X 2.5 kg
24201	Gold Standard Micro-Cut Paraffin 52° to 54°C	4 X 2.5 kg
24202	Gold Standard Micro-Cut Paraffin 62° to 64°C	4 X 2.5 kg

To Order:

In The U.S. Call: 1-800-523-2575 • 215-343-6484

In The U.S. FAX: 1-800-343-3291 • 215-343-0214

In Germany Call: (49) 6221-765767

In Germany FAX: (49) 6221-764620

Order online anytime at www.polysciences.com

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