

NANO-W™



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PRODUCT INFORMATION

NANO-W™

Product Name: NANO-W™
Catalog Number: 2018
Appearance: Colorless solution
Revision: 1.2 (March 2000)

GENERAL INFORMATION

NANO-W™ is a negative stain for electron microscopy (not available elsewhere) with excellent spreading and staining properties. It is an organo-tungstate compound and is stable, non-volatile in the beam and will not denature protein samples. It is especially useful for staining isolated molecules on a thin carbon film.

NANO-W™ is supplied ready-to-use, as a 2 % solution in water at pH 6.8.

NANO-W™ may be mixed with the lower atomic number NanoVan™ to produce intermediate stain densities.

NANO-W™ should be refrigerated upon receipt, and stored at 2 - 8°C.

INSTRUCTIONS FOR USE

NANO-W™ is supplied ready-to-use as a 2 % solution in water at pH 6.8. Apply a drop to the grid; after one minute wick (not to dryness) and reapply another drop. After one minute wick to remove the excess, air dry, and observe as usual. Other standard procedures for negative staining may also be used.

REFERENCES

Because this reagent has only recently been introduced, no papers yet have specifically referred to its use. However, the following reference describes its properties and applications:

1. Oliver, R. M.: Negative Stain Electron Microscopy of Protein Macromolecules. *Meth. Enzym.*, **27**, 616-672 (1973).

Technical Assistance Available.

For a complete list of references citing this product, please visit our world-wide-web site at <http://www.nanoprobes.com/Ref.html>.