

Materials List for:

Probing the Structure and Dynamics of Interfacial Water with Scanning Tunneling Microscopy and Spectroscopy

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Materials

| Name | Company | Catalog Number | Comments |
|-------------------------------|---------------------|----------------|---------------------------------|
| Au(111) single crystal | MaTeck | NA | |
| NaCl | Sigma Aldrich | 450006 | |
| Water, deuterium-depleted | Sigma Aldrich | 195294 | |
| Deuterium oxide | Sigma Aldrich | 364312 | |
| Sealed-off glass-UHV adapters | MDC vacuum products | 46300 | |
| Diaphragm-sealed valve | any | NA | |
| Bellows-sealed valve | any | NA | |
| Leak valve | Kurt J. Lesker | NA | |
| Scanning tunneling microscopy | CreaTec | NA | |
| Electronic controller. | Nanonis | NA | |
| Tungsten wire | any | | diameter:0.3 mm; purity: 99.95% |