

Agar Gold on Carbon Ultra High-Resolution Calibration Specimens

AGS1987, AGS1987A, AGS1987B, AGS1987C, AGS1987D,
AGS1987E, AGS1987T, AGS1987U

(Particle size range <2nm-30nm)

These gold on carbon calibration specimens have been specifically produced to enable the ultra-high resolution capabilities of the current generation of high performance scanning electron microscopes to be assessed. In particular, the AGS1987 sample with its very small gold particle size (<2nm-30nm) is designed for use with SEM's equipped with field emission guns.

Until experience has been gained, these specimens should be used in conjunction with the 'standard' Agar gold on carbon specimen, AGS168. Many of the instructions given on the AGS168 technical leaflet apply also to these ultra-high resolution test specimens, but it should be noted that the instrumental magnification required to resolve the smaller particles, will be higher.

