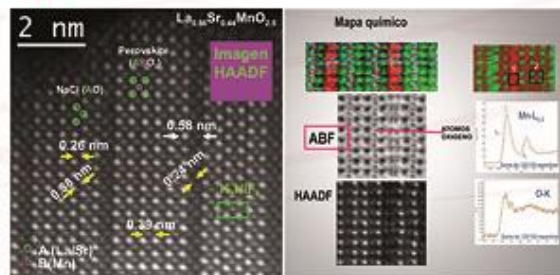


JEM ARM200cF



- * Acceleration voltage 200 kV
- * c-FEG gun
- * Spatial resolution 0.078 nm (STEM mode at 200 kV)
- * Operating voltage: 200, 100 and 80 kV
- * CCD camera (2K x 2K)
- * XEDS (OXFORD INCA)
- * Quantum GIF EELS spectrometer (energy resolution 0.45 eV for dispersions between 0.1- 0.01 eV)
- * 5 detectors: 3 annular dark field and 2 bright field: Simultaneous acquisition of HAADF, BF and ABF images
- * Beryllium double and single tilt goniometers from GATAN. Cooling holder GATAN



Atomically resolved HAADF, ABF, and EELS chemical maps of a complex manganese

