

Low Resistivity Titanium Nitride ALD: Low Temperature Enabled by the Use of Ultra-High Purity Hydrazine

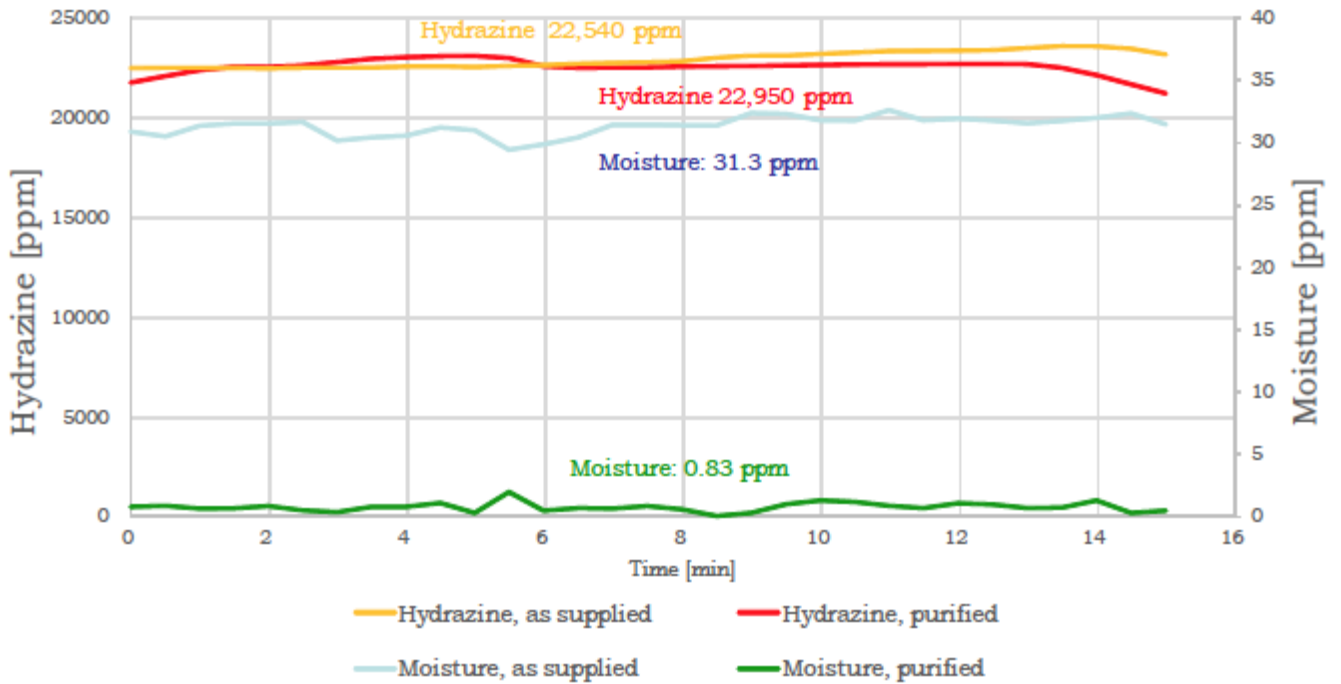


Figure 1. Gas phase water/hydrazine measurements for an Ultra-Dry Hydrazine Formulation and Commercially Supplied ‘Anhydrous’ Hydrazine.

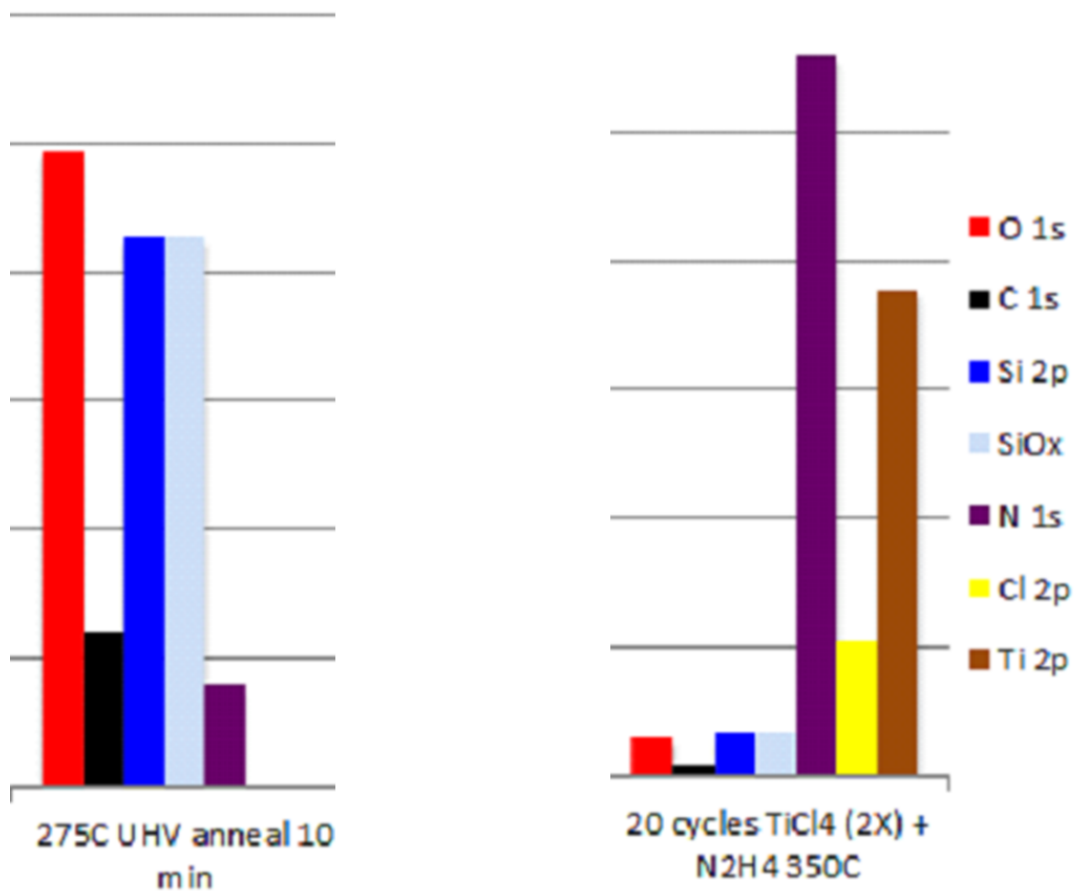


Figure 2. XPS data for Ultra-dry N_2H_4 + $TiCl_4$ ALD on a SiON substrate.