

Titanium Nitride ALD using Ultra-high Purity Hydrazine at Low Temperature

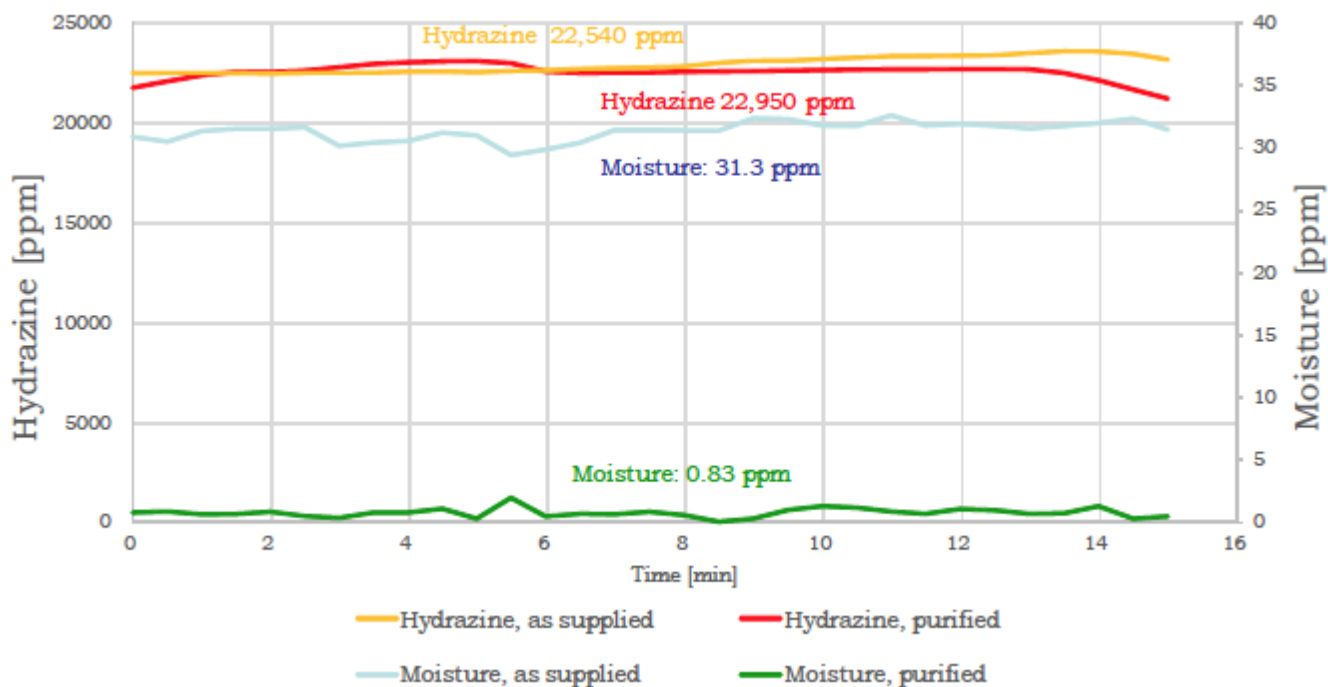


Figure 1. Gas phase water/hydrazine measurements for an Ultra-Dry Hydrazine Formulation and Commercially Supplied ‘Anhydrous’ Hydrazine.

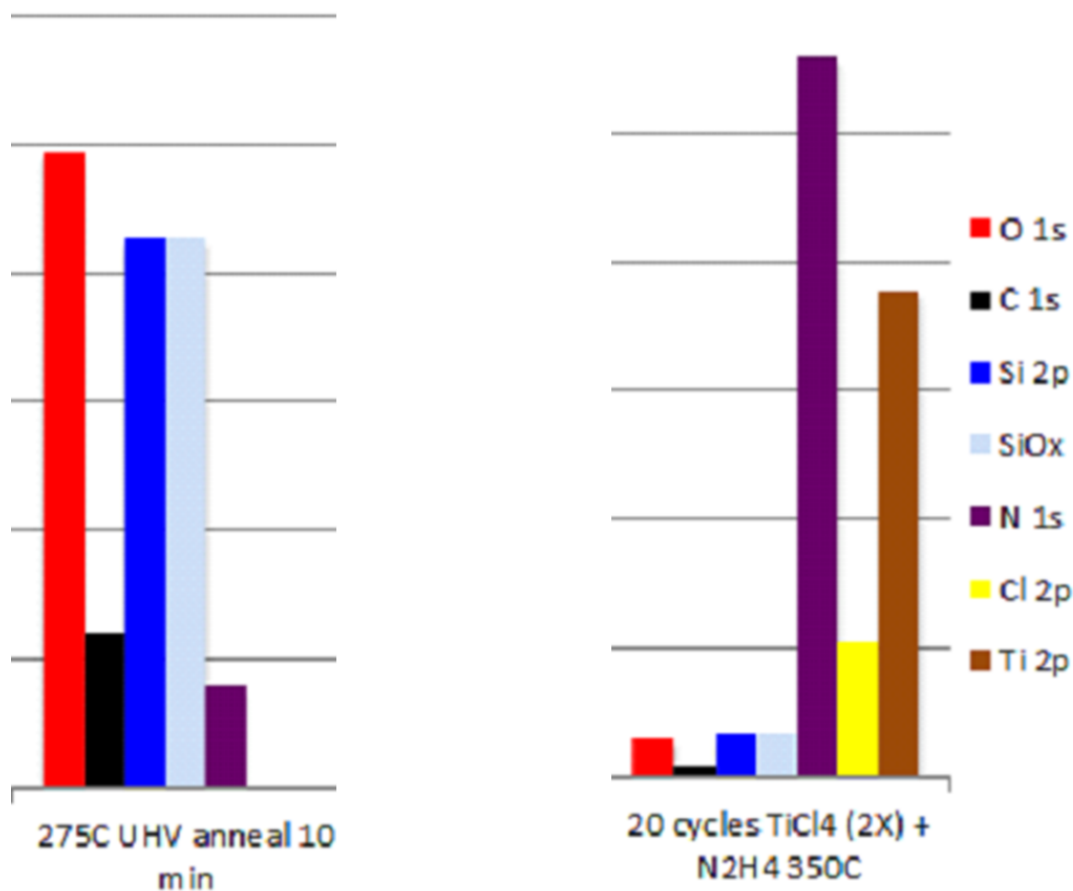


Figure 2. XPS data for Ultra-dry N_2H_4 + $TiCl_4$ ALD on a SiON substrate.