

EMS Analytical Labs

Price Sheet as of 10/1/08

Plating Baths- (normal turn-around is between 4 and 48 hours)

Copper (one or two-additives)	\$60.00	
Copper (three-additives)	\$75.00	
Tin	\$50.00	
Tin/lead w/one organic	\$50.00	
Tin/lead w/two organics	\$60.00	
Tin/lead w/three organics	\$75.00	
Nickel	\$50.00	
Cyanide gold	\$50.00	
Sulfite gold	\$60.00	
Electroless nickel	\$35.00	
Immersion Gold	\$35.00	
Palladium catalysts	\$35.00	
Permanganate	\$35.00 by UV analysis	\$50.00 by titration
Silver Strike	\$50.00	
Silver Plate	\$70.00	
Total organic carbon (TOC)	\$50.00	
Metallic impurities by AA	\$15.00 per element	
Impurities w/other analysis by AA	\$10.00 per element either in volume or combined with other analysis-	
Metallic impurities by ICP	\$40.00 per element	- on the same solution
TotalScan	\$200.00 ICP survey with TOC analysis	
Brass	\$60.00 (no Hull cell analysis)	
Bronze	\$60.00 (no Hull cell analysis)	

Additive Analysis

CVS on copper bath	\$20.00 per component.
CVS on tin or solder bath	\$30.00
CVS on Multibond	\$25.00
Methylene Chloride Extraction	\$30.00

Physical Tests

Tensile & Elongation of Copper	\$75.00	
Copper purity	\$50.00	
Gold Hardness & Purity	\$100.00	If we plate the gold sample, we keep the gold solution.
Gold Porosity	\$50.00	
Cross-section analysis	\$75.00	per mount with up to two plugs per mount. Includes digital pictures and thickness measurements
Nickel Stress analysis	\$80.00	additional reps on the same bath are \$25.00 each