

Toxic metals in the atmosphere of Mexico City

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As part of MILAGRO activities, 24 hour integrated samples of PM10 and PM2.5 were collected during the thirty days of campaign. Nine heavy metals were determined in the sampled particles using optical induced coupled plasma. The PM2.5/PM10 ratio was 0.58, whereas the PM2.5/PM10 ratio for different metals ranged for different metals between 0.71 for Pb and 0.34 for Cu. Correlations among metals were studied as well as trends during the sampling period compared with other studies in Mexico City.