



## Heavy metal contamination of zinc and lead in the city of Ardabil

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### ABSTRACT

The aim of this study was to determine the Amount Density Metals Heavy On And Lead At square Of City Ardebil. At This Research Tointended purpose Check Condition Density Metals Heavy On And Lead At square Of City Ardabil, Beginning Position Sample Vector From SoilAnd plants At square Of the original City Ardabil determination Was 10 Square Selection Respectively. Data Of Result From Research By SoftApplications SPSS Decomposition And Analysis Statistics Was. From Test Correlation Pearson To determination Correlation Sample And AndTest T Single Sample Oh you To Check Meaning Arrow to be Sample And And Test Kolmogorov Smirnov To determination normal to be DataAnd Use Was. The results showed that the concentrations of heavy metals zinc and lead in the measured and is significant lower than theEPA standard. Results of statistical analysis and comparison with national standards of Iran showed that the concentrations of heavy metals zinc and lead in the field of measurement than the standard less significant, and only the heavy metal lead in the growing field of size meters higher than the standard level was observed. The results of Pearson correlation between concentration of heavy metals zinc and lead in the soil and the plant did not show.

**Keyword:**

heavy metals, soil, main squares, the city of Ardabil

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