

Summary

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Thesis: Ceramic *mortarium*, *storage jars* and domestic vessels from Tel Akko in North Israel, from Iron Age and Persian period: Local production and imports from petrographic and chemical perspective

The subject of the research are samples of ceramic vessels from Tel Akko in Israel, mainly from the Iron Age.

The research was undertaken in order to recognize and characterize local and imported vessels, and to recognize the provenance of the ceramic raw material.

The research method used is petrographic analysis and complementary chemical analysis (INAA+ICP), additionally SEM-EDS was used to identify mineral phases that are difficult to identify, the results were supplemented with a micropaleontological expertise to identify the age of microorganisms present in ceramics.

8 petrographic groups were identified - corresponding to different types of ceramic raw material. One of the groups was recognized as probably imported from Cyprus, the other groups were classified as local in the meaning of the Levant coast.