

ISO 13913 Soil Quality – Determination of Selected Phthalates using Capillary Chromatography with Mass Spectrometric Detection (GC/MS)

Instrument: [Varian 450 GC with Varian 220 MSD](#)

Abstract

ISO 13913:2014 specifies a method for the determination of selected phthalates in sludge, treated biowaste, and soil, after extraction and gas chromatographic analysis with mass spectrometric detection.

The method is applicable for the determination of selected phthalates at the lowest mass content of 0,1 mg/kg to 0,5 mg/kg (expressed as dry matter), depending on the individual substance.

The applicability of the method to other phthalates is not excluded except the isomeric mixtures, e.g. DiNP (Di-isononylphthalate), but is to be verified in each case.

Reference: http://www.iso.org/iso/catalogue_detail.htm?csnumber=54342