

INFO SHEET

Phtalates in Oil

Description

Phtalates

Phtalates are esters made by the esterification of Phtalic-acid and alcohols. The Phtalates are being used to soften PVC, in the function of softener. The use of them in toys is controversial. The Phtalates most commonly used for this purpose are DOP and DINP. Further Phtalates are used as solvent in a.o. cosmetic products and consumer goods.

Method description

Method

The Phtalates are extracted from the sample by means of liquid extraction and the extract is analyzed using a LC-MS.

Scope of the method

Matrices: Foodstuff.

Analytes	Limit of reporting (ppm)
Phtahalate,butylbenzyl(BBP)	0,1
Phtahalate,di(2-ethylhexyl)(DEHP)	0,5
Phtahalate,dibutyl (DBP)	0,1
Phtahalate,diethyl (DEP)	0,1
Phtahalate,diiisodectyl(DIDP)	0,5
Phtahalate,dimethyl (DMP)	0,5
Phtahalate,dioctyl(DOP)	0,5

Turn around times: urgent next working day
 normal <5 working days

Minimal sample quantity: 20 gr**

** To avoid contamination from the plastic contact with plastic should be avoided as much as possible during the sample taking and the further trajet (sample bottle etc.). We advise the use of glass bottles with a Teflon inner layer, e.g. Alltech, catalog nr. 98649.