

Materials List for:

# Extraction of Organochlorine Pesticides from Plastic Pellets and Plastic Type Analysis

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## Materials

Name	Company	Catalog Number	Comments
Alpha-HCH	Dr. Ehrenstorfer, Augsburg, Germany	DRE-C14071000	H301, H351, H400, H410, H312
Beta-HCH	Fluka, Sigma-Aldrich, St. Louis, USA	33376-100MG	H301, H312, H351, H410
Lindane	Fluka, Sigma-Aldrich, St. Louis, USA	45548-250MG	H301, H312, H332, H362, H410
Endosufan I	Supleco, Sigma-Aldrich Bellefonte, PA, USA	48576-25MG	H301, H410
Endosulfan II	Supleco, Sigma-Aldrich, Bellefonte, PA, USA	48578-25MG	H301, H410
2,4'-DDD	Fluka, Sigma-Aldrich, St. Louis, USA	35485-250MG	H351
4,4'-DDD	Dr. Ehrenstorfer, Augsburg, Germany	DRE-C12031000	H301, H351, H400, H410, H312
2,4'-DDE	Dr. Ehrenstorfer, Augsburg, Germany	DRE-C12040000	H351, H400, H410, H302
4,4'-DDE	Fluka, Sigma-Aldrich, St. Louis, USA	35487-250MG	H302, H351, H410
2,4'-DDT	Dr. Ehrenstorfer, Augsburg, Germany	DRE-C12081000	H301, H311, H330, H351, H400, H410
4,4'-DDT	National Institute of Standards and Technology, Gaithersburg, USA	RM8469-4,4'-DDT	H301, H311, H351, H372, H410
n-Hexane	VWR International GmbH, Graumanngasse, Viena, Austria	83992.320	H225, H315, H336, H373, H304, H411
Acetone for HPLC	J.T.Baker, Avantor performance Materials B.V., Teugseweg, Netherlands	8142	H225, H319, H 336
FL-PR Florisil 1000mg/6mL	Phenomenex, Torrance, CA, USA	8B-S013-JCH	
Fat free quartz sand 0.3-0.9 mm	Buchi, Flawil, Switzerland	37689	
Gas chromatograph Hewlett Packard HP 6890 Series gas chromatograph with GERSTEL MultiPurpose Sampler MPS 2XL with ECD and FID detector	Agilent technologies, Santa Clara USA		
Pressure fluid extractor, Speed Extractor E-916	Buchi, Flawil, Switzerland		
Solid phase extractor	Supleco, Sigma-Aldrich Bellefonte, PA, USA		
Concentrator miVac DUO	Genevac SP Scientific, Suffolk UK		

GC capillary column Zebron ZB-XLB (30 x 0.25 x 0.25)	Phenomenex, Torrance, CA, USA	122-1232	
ATR FT-IR Spectrometer, Spectrum-Two	Perkin Elmer		