

# Lindane HCH Hexachlorocyclohexane

## General:

Lindane is the gamma isomer of hexachlorocyclohexane (HCH) and belongs to the insecticides. It is mainly used in protecting wooden products. The admission of lindane occurs through inhalation, skin contact and with food. Symptoms are: headaches, burning, dry eyes, irritations of the mucous membranes of the trachea, irritation of skin, tiredness, loss of motivation, general malaise. In case of chronic exposure, accumulation in mother's milk, blood plasma, body fat, bone marrow and CNS is observed. Polyneuritis and psychic phenomena may also occur.

Indication: Suspicion of exposition, intoxication

Material: 2 ml EDTA blood in glass tubes

Preanalytics: special EDTA glass tubes (Lindane tubes) are available on request in the laboratory. Please order approx. 2 weeks in advance.

TAT: 5-7 days\*

Method: GCMS

Units: µg/l

Ref.- range: see report

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>