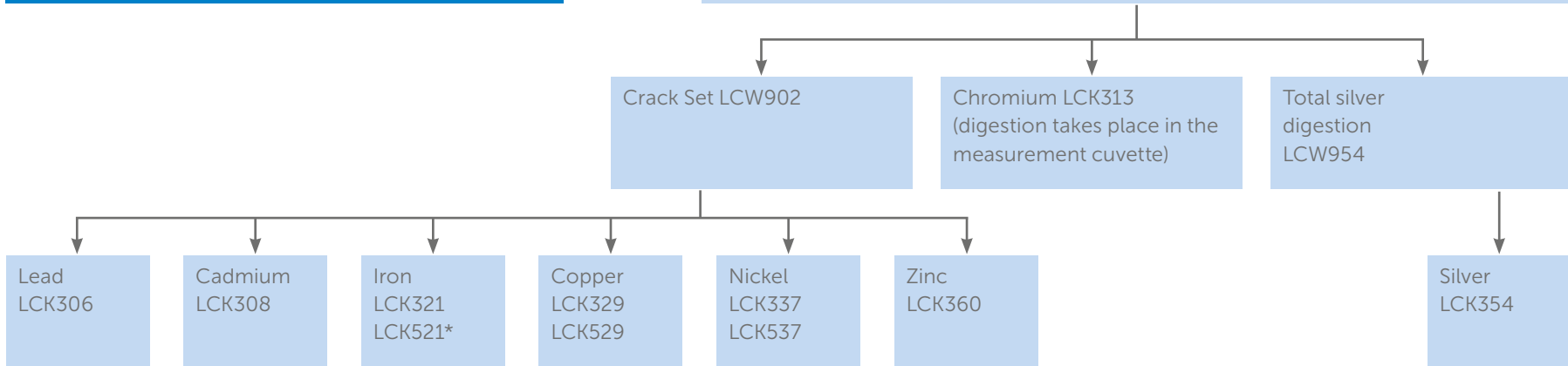


Operational analysis in the metal industry

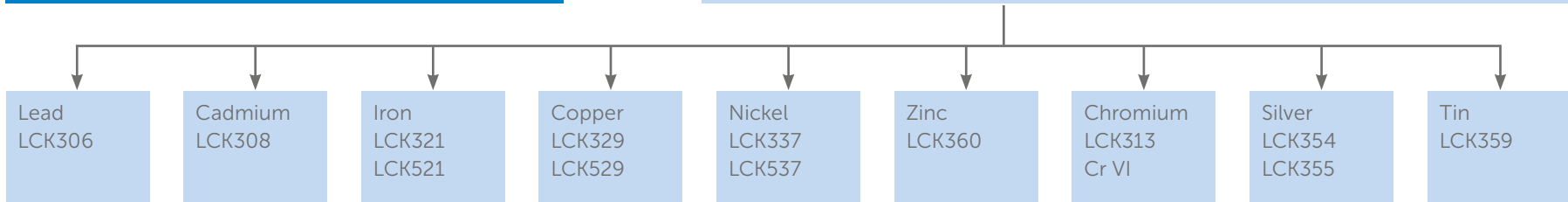
A) Determination of total heavy metal content,
as required by legislation concerning wastewater
or selfmonitoring

Homogenise the sample with a magnetic stirrer for 60 sec. at a speed at which
the vortex is about 10 % below the surface of the liquid



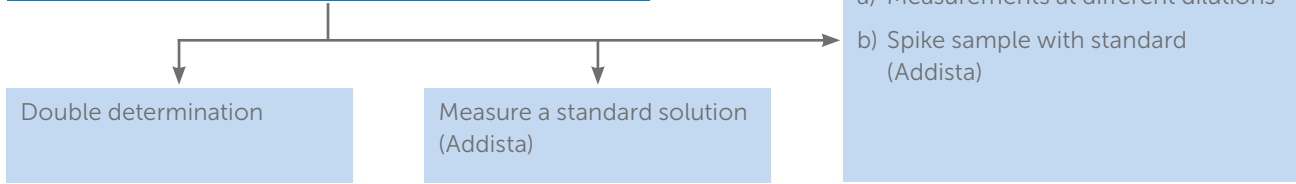
B) Determining the soluble fraction
of the heavy metal

Filter the sample with membrane filtration kit
LCW904 (1.45 µm) or LCW916 (0.45 µm)



What should I do if...? ... the sample is coloured?
See document
„Sample Specific Blank Value“
(DOC042.52.00280)

C) Verifying the analysis results



* In the case of LCK521, a reagent blank value must be determined after the digestion (see Work Procedure: "Reagent blank value" LCW902/LCK521)