



Santophen[®] Residue (MB-759A)

- The residue contains at least three phases; a primarily aqueous liquid phase, a primarily organic liquid phase and solids suspended in the liquid phases.
- Recoveries and analytical results differ for different samples taken from the organic phase, hence it is non-homogeneous.
- Based on our analyses and preliminary results of high-resolution GC/MS at the University of Nebraska, the organic portion of the residue contains 0.5 - 2 ppm of a material with the analytical characteristics of 2, 3, 7, 8- TCDD, and at least an equivalent amount of a material with the analytical characteristics of 1, 3, 6, 8- TCDD. The actual level of the latter may be significantly higher, because recoveries are low.
- We have identified the step in the analysis where loss of 1, 3, 6, 8- TCDD occurs; we are modifying the method accordingly.