

MATE 2017

EXPLORER

Contaminant

Handbook

Chemical contaminant	Main Peak (cm ⁻¹)	Sub Peak(s) (cm ⁻¹)
Arsenic Sulfide	385	420
Cadmium Sulfide	520 – 540	
Copper Oxide	297	
Diamond	1332	
Lead	1054	
Mercury	547	435
PCBs	1590	1575

Note: Diamonds are used as reference peaks in spectra from unknown sources. The spectra will have a diamond spike for reference purposes.



