

Table 12. Mean method detection limits for seven determinations of chloroacetanilide herbicide metabolites spiked at 0.05 microgram per liter in reagent water using high-performance liquid chromatography/mass spectrometry

[$\mu\text{g/L}$, micrograms per liter; MDL, method detection limit; ESA, ethanesulfonic acid; OXA, oxanilic acid]

Metabolite	Mean observed concentration ($\mu\text{g/L}$)	Mean standard deviation ($\mu\text{g/L}$)	Mean MDL ($\mu\text{g/L}$)
Acetochlor ESA	0.06	0.12	0.04
Acetochlor OXA	.04	.11	.04
Alachlor ESA	.05	.19	.05
Alachlor OXA	.04	.11	.04
Metolachlor ESA	.06	.13	.05
Metolachlor OXA	.06	.11	.04