



# SDI QuickChek®

## Testing Products

### for Pesticides/Herbicides/Fungicides in Water

#### USING THIS CHART

The **Analyte** column refers to the target residue, usually also the name of the product. The **Least Detectable Dose** or **LDD** column lists the sensitivity of the assay for the target residue. The **Assay Range** lists the linear response range for the method. Higher levels of detection are possible with sample dilution. Please contact SDI or consult product literature for cross-reactivity data. The Part Numbers are broken out by kit type: RaPID Assay® 100 tube kit, EnviroGard® 20 tube kit, or EnviroGard® 96 well plate kit.

Analyte	LDD (ppb in water)	Assay Range (ppb in water except where noted)	RaPID Assay® 100 Tube Kit	EnviroGard® 20 Tube Kit	EnviroGard® 96 Well Plate
2,4-D	0.70	0.70 - 50.0	A00082	---	---
Alachlor	0.05	0.05 - 5.0	A00072	---	---
Atrazine - HS <sup>(1)</sup>	0.015	0.015 - 1.00	A00151	---	---
Atrazine (EPA Method 4670)	0.05	0.05 - 5.0	A00071	---	---
Benomyl/Carbendazim	0.10	0.10 - 5.0	A00093	---	---
Carbofuran <sup>(1)</sup>	0.06	0.06 - 5.0	A00074	---	---
Chlordane in Soil (EPA Method 4041)	14	14 - 600	---	7311000	---
Chlorothalonil	0.07	0.07 - 5.0	A00105	---	---
Chlorpyrifos	0.10	0.10 - 3.0	A00143	---	---
Chlorpyrifos	0.05	0.05 - 1.0	---	---	7250000
Cyanazine	0.04	0.04 - 3.0	A00073	---	---
Cyclodienes <sup>(1)</sup>	0.45	0.45 - 20.00 <sup>(3)</sup>	A00216	---	---
DDT in Soil (EPA Method 4042)	200	200 - 1000	---	7310000	---
Diazinon	0.022	0.022 - 0.50	---	---	7270000
Endothall	7	7 - 150	7007000	---	---
Fluridone	20	20 - 2000	A00240	---	---
Isoproturon	0.02	0.02 - 0.5	---	---	7450000
Methomyl <sup>(1)</sup>	0.45	0.45 - 15.0	A00196	---	---
Metolachlor	0.05	0.05 - 5.0	A00080	---	---
Microcystins <sup>(6)</sup>	0.1	0.1 - 1.6	---	7700000	---
Microcystins <sup>(6)</sup>	0.1	0.1 - 4	---	---	7540000
Nitrate Screen <sup>(6)</sup>	250	250-25000 NO <sub>3</sub> -N	A00132	---	---
OP/Carbamates Screen	n/a <sup>(2)</sup>	n/a <sup>(2)</sup>	A00122	---	---
Procymidone in Wine <sup>(1)</sup>	0.8	0.8 - 100	A00088	---	---
Simazine <sup>(1)</sup>	0.03	0.03 - 3.0	A00145	---	---
Spinosad (EPA OPP Approved)	0.02	0.02 - 1.0	A00178	---	---
Triazine	0.053	0.053 - 1.0 <sup>(4)</sup>	---	7210000	---
Triazine	0.025	0.025 - 2.0 <sup>(4)</sup>	---	---	7211000
Triclopyr <sup>(1)</sup>	0.03	0.03 - 3.0	A00171	---	---
Urea Herbicides <sup>(1)</sup>	0.04	0.04 to 2.0 <sup>(5)</sup>	---	---	7260000

(1) Built to Order test kits. 6-8 week lead time and 9-12 test kit minimum order required.

(2) Screening test only. Please consult product literature for detection limits of specific organophosphate and carbamate pesticides.

(3) Limits and ranges reported as Dieldrin.

(4) Limits and ranges reported as Atrazine.

(5) Limits and ranges reported as Chlortoluron.

(6) Not pesticides/herbicides/fungicides but common water contaminants.



Strategic Diagnostics Inc.