



Transgenomic glyphosate potassium cation-exchange columns are designed for the EPA method 547. Retention times obtained from Transgenomic columns are highly reproducible and column lifetime is excellent even without regeneration. The Transgenomic glyphosate column requires regeneration only at the end of each sequence of runs rather than after each run therefore saving analysis time.

**Conditions for glyphosate samples**

Flow: 0.4 mL/min  
Column Temp: 55°C  
Injection: up to 250 µL water sample

**Post-column conditions**

Reagent 1: NaOCl, 36°C, 0.2 mL/min  
Reagent 2: OPA, Aminofluor, RT, 0.2 mL/min

| Time (min) | % Eluant | % Regenerant |
|------------|----------|--------------|
| 0          | 100      | 0            |
| 20         | 100      | 0            |

**ORDERING INFORMATION**

| P/N                | Description                              |
|--------------------|------------------------------------------|
| <b>GLY-99-9825</b> | <b>Glyphosate Analysis Kit, includes</b> |
| GLY-99-6515        | Glyphosate Column                        |
| GLY-99-3515        | Glyphosate Guard Column Kit              |
| GLY-99-0067        | Glyphosate Eluant, 4 x 950mL             |
| GLY-99-0066        | Glyphosate Regenerant, 4 x 950mL         |
| GLY-99-0060        | Glyphosate Diluent 1, 4 x 950mL          |
| GLY-99-0061        | Glyphosate Diluent 2, 4 x 950mL          |
| CAR-99-0062        | o-Phthalaldehyde, 5g                     |
| CAR-99-0063        | Aminofluor™, 10g                         |

**End of Sequence**

| Time | % Eluant | % Regenerant | Flow (mL/min) |
|------|----------|--------------|---------------|
| 0    | 0        | 100          | 0.02          |
| 5    | 0        | 100          | 0.02          |
| 5.5  | 0        | 100          | 0.4           |
| 15   | 0        | 100          | 0.4           |
| 16   | 0        | 100          | 0             |

