

HAMILTON PRP-X400 Analysis for Glifosate **Tk**

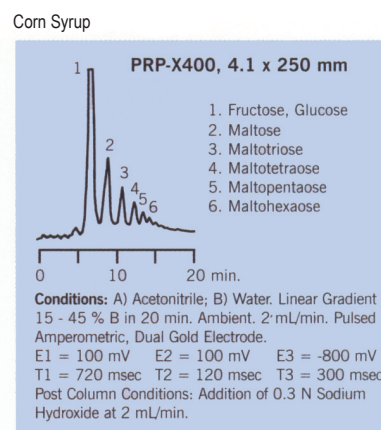
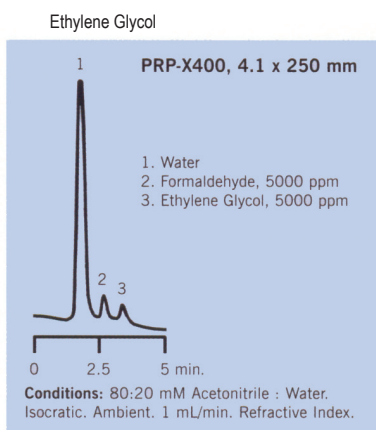
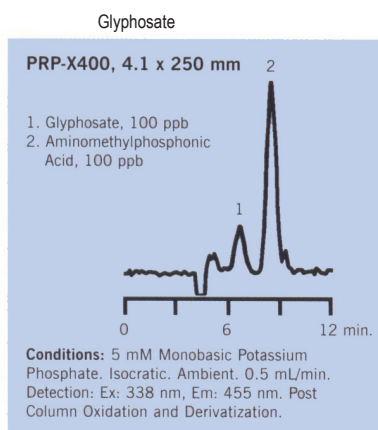
Glifosate and of metabolite aminomethylphosphonic acid in drinking waters. (EPA 547).

The column PRP-X400, a packing of polystyrene-divinyl-benzo sulphonate with 7µm particle diameter and 2.5 meq./gm, separates both compounds according to their ionic charges in less than 10 minutes. The detection requires a post-column oxidation and derivization.

This column improves on the recommendation of the EPA547 given that it does not require thermostating at 65°C ,eliminates the use of methanol, and also demonstrates a significantly shorter analysis time.

- Analysis times eight minutes less in comparison with other columns.
- Detection of levels of 1Oppb with the technique of post-column derivization with OPA.
- Applicable to other separations like ethylene glycol.
- Hamilton recommend the column PRP-X400 for the analysis of the herbicides.

What Types of Samples can PRP-Infinity Columns separate?



Ordering Information

PRP-X400

Cat.No.	Description
HA-79398	PRP-X400 7 µm 150 x 2.1 mm
HA-79717	PRP-X400 7 µm 150 x 4.1 mm
HA-79473	PRP-X400 7 µm 250 x 4.1 mm
HA-79387	PRP-X400 7 µm 250 x 4.6 mm (PEEK)
HA-79376	Guard Columns Starter Kit (Holder + 2 Cartridges) (PEEK)
HA-79377	Replacement cartridges (5/pk) (PEEK)
HA-79459	Guard Columns Starter Kit for analysis of Glifosate
HA-79452	Replacement cartridges (5/pk) for analysis of Glifosate