

# Ultra Quat Columns

restek  
innovation!

An Ultra Quat column and Ultra Quat Reagent Solution eliminate the need for ion pairing reagents in paraquat/diquat analysis.

## Ultra Quat Columns

### Physical Characteristics:

particle size: 5 $\mu$ m, spherical  
pore size: 100 $\text{\AA}$

pH range: 2.5 to 7.5  
temperature limit: 80°C

restek  
exclusive!

### Chromatographic Properties:

A retentive, high-purity, base deactivated reversed phase packing. Ideal for the analysis of paraquat and diquat or other quaternary amines when used with Ultra Quat Reagent Solution mobile phase additive (cat.# 32441).

| Length           | 4.6mm ID<br>cat.# |
|------------------|-------------------|
| 5 $\mu$ m Column |                   |
| 150mm            | 9181565           |

| Application            | Page #   |
|------------------------|----------|
| Paraquat, Diquat . . . | 328, 534 |

### Ultra Quat Reagent Solution

Use with Ultra Quat HPLC column. Dilute to 1 liter water, per instructions.

In water, 20mL/bottle

cat. # 32441 (ea.)

### Paraquat & Diquat Calibration Mix

diquat dibromide                      paraquat dichloride  
1,000 $\mu$ g/mL each in water, 1mL/ampul  
cat. # 32437 (ea.)

## for more info

For more information about the Ultra Quat system, review the *Restek Advantage* 2004 vol. 3 at [www.restek.com](http://www.restek.com).

lit. cat.# 59051

## free literature

### Simple, Sensitive HPLC/UV Analysis for Paraquat and Diquat

Download your free copy from [www.restek.com](http://www.restek.com).

Applications Note  
lit. cat.# 580006

## Consistent resolution, retention times, and peak symmetry for paraquat and diquat on an Ultra Quat column.

