

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE188**ISOLATION OF PARAQUAT AND DIQUAT
FROM AQUEOUS SOLUTIONS**

Spe-ed™ Cartridge	Cat. No. 2201-CN Cyanopropyl, 100mg/1mL; or Cat. No. 3201- CN Cyanopropyl LRC 100mg. Process with <i>Spe-ed Mate</i>
Sample Preparation	Adjust to pH 5.5-7.5 with 0.1 N HCl, or 0.1 M NaOH. Centrifuge or filter if turbid.
Cartridge Conditioning	2mL of methanol, followed by 1mL of distilled water.
Sample Addition	Add prepared sample to cartridge. Aspirate sample completely from cartridge.
Cartridge Wash	1mL of distilled water, followed by 2 sequential 0.5mL volumes of methanol
Analyte Elution	2 sequential 1mL volumes of 1.0 M ammonium acetate of 1.0 N HCl in 50% methanol / 50% water.

The logo for Applied Separations, featuring the company name in a bold, italicized sans-serif font with horizontal lines above the word "Applied".930 Hamilton Street · Allentown, PA 18101
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