

# SPE

Solid Phase  
Extraction

# Application Note

World Leaders in Sample Preparation

## SPE207

### ISOLATION OF FLUNIXIN FROM MILK

<b>Spe-ed™ Cartridge</b>	Cat. No. 4010- Screen N Unbuffered, 10mL; Or Cat. No. 4012- Screen B Buffered, 10mL; Or Cat. No. 4020-Screen N Unbuffered, 20mL; Or Cat. No. 4022- Screen N Buffered, 20mL. Process with <i>Spe-ed Mate</i> 10 or 30.
<b>Sample Preparation</b>	Adjust sample pH as needed to optimize extraction.
<b>Sample Addition</b>	Add 10mLs (or less) of sample cartridge (Cat. Nos. 4010,4012), or 20mLs to cartridges (Cat. Nos. 4020, 4022).
<b>Sample Addition</b>	2mLs of water. Dry sorbent for 5 to 10 minutes.
<b>Analyte Elution</b>	Add 2 sequential 8mL (Cat. Nos. 4010, 4012), Or 16mL (Cat. Nos.4020, 4022) volumes of a water immiscible organic solvent to elute by gravity. Allow 5 minutes for complete elution.
<b>Evaporation</b>	Evaporate elute to dryness @ 50°C under N <sub>2</sub> stream, and reconstitute in appropriate solvent.

**Note:** *Since sample matrix interferences and concentrations may vary from sample to sample, it may be necessary to adjust the wash and elution solvent/solution strength and/or volume to optimize isolation.*

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