

# EPA Method 525.2 and 535

## Analytical Reference Materials

The analysis of chloroacetanilide and other acetamide herbicides can be accomplished using GC/MS as specified in EPA Method 525.2. The analysis of the ethanesulfonic acid (ESA) and oxanilic acid (OA) degradates of these compounds can be accomplished using LC/MS/MS as specified in EPA Method 535. To support laboratories involved in testing samples for these compounds, Restek has developed analytical reference materials for instrument calibration.

### Method 525 Individual Compounds

Volume is 1mL/ampul. Concentration is  $\mu\text{g/mL}$ .

Compound	Solvent	Conc.	cat.#
acetochlor	M	100	33208
alachlor	M	100	33207
metolachlor	M	100	33209

M=methanol

### Method 525 Mix

acetochlor  
alachlor  
100 $\mu\text{g/mL}$  in methanol, 1mL/ampul  
metolachlor  
cat. # 33211

### Method 535 Individual Compounds

Volume is 1mL/ampul. Concentration is  $\mu\text{g/mL}$ .

Compound	Solvent	Conc.	cat.#
acetochlor ESA sodium salt	M	100	33092
acetochlor OA	M	100	33094
alachlor ESA sodium salt	M	100	33096
alachlor OA	M	100	33099
metolachlor ESA sodium salt	M	100	33200
metolachlor OA	M	100	33201

M=methanol

### Method 535 Internal Standard

butachlor ESA sodium salt  
100 $\mu\text{g/mL}$  in methanol, 1mL/ampul  
cat. # 33202

### Method 535 Surrogate Standard

dimethachlor ESA sodium salt  
100 $\mu\text{g/mL}$  in methanol, 1mL/ampul  
cat. # 33203



## Chromatography Products

Lit. Cat.# GNTS1049

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Restek U.S. • 110 Benner Circle • Bellefonte, PA 16823 • 814-353-1300 • 800-356-1688 • fax: 814-353-1309 • [www.restek.com](http://www.restek.com)  
Restek France • phone: 33 (0)1 60 78 32 10 • fax: 33 (0)1 60 78 70 90 • e-mail: [restek@restekfrance.fr](mailto:restek@restekfrance.fr)



[www.chromtech.net.au](http://www.chromtech.net.au) E-mail : [info@chromtech.net.au](mailto:info@chromtech.net.au) Tel : +61 3 9762 2034 Fax : +61 3 9761 1169

