

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

© 2008 Restek Corporation.

Restek U.S. • 110 Benner Circle • Bellefonte, PA 16823 • 814-353-1300 • 800-356-1688 • fax: 814-353-1309 • 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

Restek Ireland • phone: 44 2890 814576 • fax: 44 2890 814576 • e-mail: restekeurope@aol.com

Thames Restek U.K. LTD • phone: 44 1494 563377 • fax: 44 1494 564990 • e-mail: sales@thamesrestek.co.uk

Restek GmbH • phone: +49 (0) 6172 2797 0 • fax: +49 (0) 6172 2797 77 • e-mail: info@restekgmbh.de

