

**WINLAB PTY LTD**

2 Pinnacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)**GL Science Inertsearch™ for LC Inertsil® Applications****Food****For complete Product Description, Chromatograms****Price & Delivery in Australia & New Zealand contact****[info@winlab.com.au](mailto:info@winlab.com.au) or call 61 7 3205 5233**

<b>GL Science Inertsearch™ for LC Inertsil® Applications Food</b>					
<b>Data No Column</b>	<b>Data Title</b>	<b>Solutes</b>	<b>Eluent</b>	<b>Detection</b>	
<a href="#">Data No. C01 Ph-001</a>	Inertsil Ph 5□□m 150 □~ 4.6 mm I.D.	1. Food additives	1. Sodium saccharin 2. p-Hydroxy benzoic acid 3. Sorbic acid 4. Benzoic acid 5. p-Hydroxy benzoic acid methyl ester 6. Dehydroacetic acid 7. p-Toluic acid 8. p-Hydroxy benzoic acid ethyl ester 9. p-Hydroxy benzoic acid n-propyl ester	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> KH <sub>2</sub> PO <sub>4</sub> Isocratic	UV 230 nm
<a href="#">Data No. C02 Ph-002</a>	Inertsil Ph 5□□m 150 □~ 4.6 mm I.D.	2. Synthetic antibacterials	1. Olaquinox 2. Carbadox 3. Sulfadimidine 4. Thiamphenicol 5. Sulfadimidine 6. Sulfamonomethoxine 7. Furazolidone 8. Oxolinic acid 9. Sulfadimethoxine 10. Sulfaquinoxaline 11. Nalidixic acid 12. Piromidic acid 13. Nicarbazin	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> KH <sub>2</sub> PO <sub>4</sub> Gradient	UV 230 nm
<a href="#">Data No. C03 ODS-2-011</a>	Inertsil ODS-2 5□□m 150 □~ 0.7 mm I.D.	3. Coconut oil		CO <sub>2</sub> Isocratic	FID 350 □□
<a href="#">Data No. C04 C4-001</a>	Inertsil C4 5□□m 150 □~ 4.6 mm I.D.	4. Synthetic antibacterials	1. Olaquinox 2. Carbadox 3. Sulfamerazine 4. Sulfadimidine 5. Thiamphenicol 6. Furazolidone 7. Sulfamonomethoxine 8. Oxolinic acid 9. Sulfadimethoxine 10. Sulfaquinoxaline 11. Nalidixic acid 12. Piromidic acid 13. Nicarbazin	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> KH <sub>2</sub> PO <sub>4</sub> Gradient	UV Time Program (230 - 370 nm)
<a href="#">Data No. C05 ODS-002</a>	Inertsil ODS 5□□m 150 □~ 4.6 mm I.D.	5. Ginsenosides	1. Ginsenoside Rb1 2. Ginsenoside Rc 3. Ginsenoside Rb2 4. Ginsenoside Rd	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 203 nm

**WINLAB PTY LTD**

2 Pinacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

 Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)

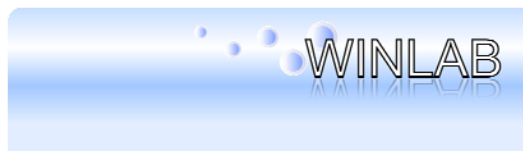

GL Science Inertsearch™ for LC Inertsil® Applications Food					
Data No Column	Data Title	Solutes	Eluent	Detection	
<a href="#">Data No. C06 ODS-2-012</a>	Inertsil ODS-2 5□□m 150 □~ 4.6 mm I.D.	6. Synthetic food dyes	1. Food Red No. 2 2. Food Red No. 102 3. Food Red No. 3 4. Food Red No. 106 5. Food Red No. 104 6. Food Red No. 105 each 100 ng	CH <sub>3</sub> OH H <sub>2</sub> O (NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub> Gradient	VIS 530 nm
<a href="#">Data No. C07 Q NH2-001</a>	Unisil Q NH2 5□□m 250 □~ 4.6 mm I.D.	7. Sugars	1. Ethyleneglycol 2. Xylose 3. D (-) Fructose 4. D (+) Glucose 5. Sucrose 6. D (+) Maltose monohydrate 7. Lactose monohydrate	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI
<a href="#">Data No. C08 Q NH2-002</a>	Unisil Q NH2 5□□m 250 □~ 4.6 mm I.D.	8. Sugars	1. Fructose 2. Glucose 3. Sucrose 4. Maltose 5. Lactose	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI
<a href="#">Data No. C09 ODS-003</a>	Inertsil ODS 5□□m 250 □~ 4.6 mm I.D.	9. Coconut oil		CH <sub>3</sub> CN THF CH <sub>2</sub> Cl <sub>2</sub> Isocratic	RI
<a href="#">Data No. C10 ODS-2-013</a>	Inertsil ODS-2 5□□m 150 □~ 4.6 mm I.D.	10. Synthetic food dyes in Fish paste	1. R-3 2. R-106	CH <sub>3</sub> CN CH <sub>3</sub> OH H <sub>2</sub> O (NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub> Isocratic	VIS 530 nm
<a href="#">Data No. C11 ODS-2-014</a>	Inertsil ODS-2 5□□m 150 □~ 4.6 mm I.D.	11. TFA-Aflatoxins	1. TFA-Aflatoxin G1 2. TFA-Aflatoxin B1 3. TFA-Aflatoxin G2 4. TFA-Aflatoxin B2	CH <sub>3</sub> OH H <sub>2</sub> O Isocratic	FL Ex 360 nm Em 450 nm
<a href="#">Data No. C12 Q NH2-003</a>	Unisil Q NH2 5□□m 250 □~ 4.6 mm I.D.	12. Standard sugars	1. Fructose 2. Glucose 3. Sucrose 4. Maltose 5. Lactose	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI
<a href="#">Data No. C13 C4-002</a>	Inertsil C4 5□□m 150 □~ 4.6 mm I.D.	13. Synthetic antibacterials	1. Sulfamerazine (40 □□g/mL) 2. Furazolidone (80 □□g/mL) 3. Oxolinic acid (70 □□g/mL) 4. Sulfadimethoxine (70 □□g/mL) 5. Sulfaquinoxaline (90 □□g/mL) 6. Nalidixic acid (290 □□g/mL)	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> Isocratic	UV 284 nm
<a href="#">Data No. C14 PREP-ODS-001</a>	Inertsil PREP-ODS 10□□m 250 □~ 20 mm I.D.	14. Purification of essential fatty acid in Rapeseed oil	1. □□-Linolenic acid 2. Linolenic acid 3. Oleic acid 4. Stearic acid 5. Arachidic acid	CH <sub>3</sub> OH Isocratic	RI
<a href="#">Data No. C15 ODS-2-015</a>	Inertsil ODS-2 5□□m 150 □~ 4.6 mm I.D.	15. Serotonin in Bananas	1. Tryptophan (Trp) 2. Serotonin (5-Hydroxy tryptamine)	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> KH <sub>2</sub> PO <sub>4</sub> C <sub>8</sub> H <sub>17</sub> -SO <sub>3</sub> Na Isocratic	FL Ex 280 nm Em 340 nm

**WINLAB PTY LTD**

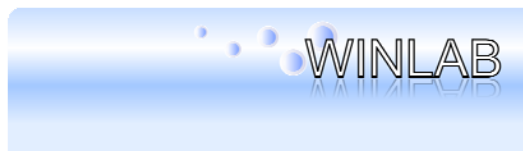
2 Pinnacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

 Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)


GL Science Inertsearch™ for LC Inertsil® Applications Food					
Data No Column	Data Title	Solutes	Eluent	Detection	
<a href="#">Data No. C16 ODS-80A-003</a>	Inertsil ODS-80A 5µm 150 µ~ 4.6 mm I.D.	16. Serotonin in Bananas	1. Tryptophan (Trp) 2. Serotonin (5-Hydroxy tryptamine)	CH <sub>3</sub> CN H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> KH <sub>2</sub> PO <sub>4</sub> C <sub>8</sub> H <sub>17</sub> -SO <sub>3</sub> Na Isocratic	FL Ex 280 nm Em 340 nm
<a href="#">Data No. C17 AV-2-001</a>	Bioptic AV-2 150 µ~ 4.6 mm I.D.	17. Standard Sugars	1. Fructose 2. Glucose 3. Sucrose 4. Maltose	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI
<a href="#">Data No. C18 ODS-3V-011</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	18. Analysis of Steroids	1. µµ-Trenbolone (100 µµg/mL) 2. µµ-Estradiol (100 µµg/mL) 3. Diethylstilbestrol (100 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 280 nm
<a href="#">Data No. C19 ODS-3-009</a>	Inertsil ODS-3 150 µ~ 1.5 mm I.D.	19. Analysis of Steroids	1. µµ-Trenbolone (10 µµg/mL) 2. µµ-Trenbolone (10 µµg/mL) 3. Zeranol (Zearalenol) (10 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Phosphate buffer Isocratic	UV Time Program (230 - 340 nm)
<a href="#">Data No. C20 ODS-3V-012</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	20. Analysis of Flubendazole	1. Flubendazole (100 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 313 nm
<a href="#">Data No. C21 ODS-3V-013</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	21. Analysis of Zeranol	1. Zeranol (Zearalenol) (100 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 230 nm
<a href="#">Data No. C22 ODS-3V-014</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	22. Analysis of µµ-Trenbolone	1. µµ-Trenbolone (100 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 340 nm
<a href="#">Data No. C23 ODS-3V-015</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	23. Analysis of µµ-Trenbolone	1. µµ-Trenbolone (100 µµg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 340 nm
<a href="#">Data No. C24 ODS-3V-016</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	24. Analysis of Clozantel	1. Clozantel (100 µµg/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Phosphate buffer Isocratic	UV 369 nm
<a href="#">Data No. C25 ODS-3V-017</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	25. Analysis of Food additives	1. tert-Butylhydroquinone (TBHQ) 100 µµg/mL) 2. 3-tert-Butyl-4-hydroxyanisol (BHA) 100 µµg/mL) 3. Ethoxyquine (100 µµg/mL) 4. 2,6-di-tert-Butyl-4-hydroxymethylphenol (TBH) 100 µµg/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Phosphate buffer Isocratic	UV 280 nm
<a href="#">Data No. C26 ODS-3V-018</a>	Inertsil ODS-3V 150 µ~ 4.6 mm I.D.	26. Analysis of Food additives	1. Benzoic acid (25 µµg/mL) 2. Sorbic acid (25 µµg/mL) 3. p-Hydroxy benzoic acid ethyl ester (PHBA-Et) 100 µµg/mL) 4. p-Hydroxy benzoic acid n-propyl ester (PHBA-Pr) 100 µµg/mL) 5. p-Hydroxy benzoic acid isobutyl ester (PHBA-iBu) 100 µµg/mL) 6. p-Hydroxy benzoic acid n-butyl ester (PHBA-Bu) 100 µµg/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Phosphate buffer Isocratic	UV 230 nm



GL Science Inertsearch™ for LC Inertsil® Applications Food					
Data No Column	Data Title	Solutes	Eluent	Detection	
<a href="#">Data No. C27</a> <a href="#">ODS-3V-019</a>	Inertsil ODS-3V 150 □~ 4.6 mm I.D.	27. Analysis of Food additives	1. Sorbic acid (25 □□g/mL) 2. Dehydroacetic acid Na 1- hydrate (25 □□g/mL) 3. p-Hydroxy benzoic acid ethyl ester (PHBA-Et 100 □□g/mL) 4. p-Hydroxy benzoic acid n- propyl ester (PHBA-Pr 100 □□g/mL) 5. p-Hydroxy benzoic acid isobutyl ester (PHBA-iBu 100 □□g/mL) 6. p-Hydroxy benzoic acid n- butyl ester (PHBA-Bu 100 □□g/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Phosphate buffer Isocratic	UV 230 nm
<a href="#">Data No. C28</a> <a href="#">ODS-3V-020</a>	Inertsil ODS-3V 150 □~ 4.6 mm I.D.	28. Analysis of Tetracyclines	1. Oxytetracycline (100 □□g/mL) 2. Tetracycline (100 □□g/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Imidazole buffer Isocratic	FL Ex 380 nm Em 520 nm
<a href="#">Data No. C29</a> <a href="#">ODS-3V-021</a>	Inertsil ODS-3V 150 □~ 4.6 mm I.D.	29. Analysis of Hormones	1. □□-Trenbolone (50 mg/L) 2. □□-Trenbolone (50mg/L) 3. □□-Zeranol (□□-Zearalenol) (30 mg/L) 4. Testosterone (50 mg/L) 5. Zeranol (Zearalenol) (50 mg/L) 6. □□-Zeranol (□□-Zearalenol) (30 mg/L) 7. □□-Estradiol (50 mg/L) 8. Zearalenone (50 mg/L) 9. Diethylstilbestrol (50 mg/L)	CH <sub>3</sub> CN THF H <sub>2</sub> O Isocratic	UV 230 nm
<a href="#">Data No. C30</a> <a href="#">ODS-3V-022</a>	Inertsil ODS-3V 150 □~ 4.6 mm I.D.	30. Analysis of Aflatoxin	1. Aflatoxin G2 (0.06 □□g/mL) 2. Aflatoxin G1 (0.20 □□g/mL) 3. Aflatoxin B2 (0.06 □□g/mL) 4. Aflatoxin B1 (0.20 □□g/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Isocratic	UV 365 nm
<a href="#">Data No. C31</a> <a href="#">C8-3-003</a>	Inertsil C8-3 150 □~ 4.6 mm I.D.	31. Analysis of Aflatoxin	1. Aflatoxin G2 (0.06 □□g/mL) 2. Aflatoxin G1 (0.20 □□g/mL) 3. Aflatoxin B2 (0.06 □□g/mL) 4. Aflatoxin B1 (0.20 □□g/mL)	CH <sub>3</sub> OH H <sub>2</sub> O Isocratic	UV 365 nm
<a href="#">Data No. C32</a> <a href="#">Ph-3-001</a>	Inertsil ph-3 150 □~ 4.6 mm I.D.	32. Analysis of Aflatoxin	1. Aflatoxin G2 (0.06 □□g/mL) 2. Aflatoxin B2 (0.06 □□g/mL) 3. Aflatoxin G1 (0.20 □□g/mL) 4. Aflatoxin B1 (0.20 □□g/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 365 nm
<a href="#">Data No. C33</a> <a href="#">Ph-3-002</a>	Inertsil Ph-3 5□□m 150 □~ 4.6 mm I.D.	33. Analysis of Preservatives	1. Benzoic acid (tR 2.597 Area 515009) 2. Sorbic acid (tR 2.933 Area 1.69364e+06) 3. Methyl paraben (tR 3.650 Area 615283) 4. Dehydroacetic acid (tR 4.053 Area 353333) 5. Ethyl paraben (tR 4.523 Area 741556) 6. iso-Propyl paraben (tR 5.320 Area 759949) 7. n-Propyl paraben (tR 5.820 Area 537605) 8. iso-Butyl paraben (tR 7.210 Area 430645) 9. n-Butyl paraben (tR 7.747 Area 423121)	CH <sub>3</sub> OH H <sub>2</sub> O Acetate buffer Isocratic	UV 240 nm

**WINLAB PTY LTD**

2 Pinacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

 Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)

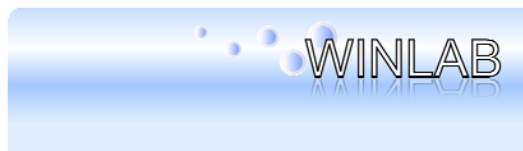

GL Science Inertsearch™ for LC Inertsil® Applications Food					
Data No Column	Data Title	Solutes	Eluent	Detection	
<a href="#">Data No. C34 ODS-3V-023</a>	Inertsil ODS-3V 5□□m 150 □~ 4.6 mm I.D.	34. Analysis of Preservatives	1. Benzoic acid (tR 2.693 Area 521763) 2. Sorbic acid (tR 3.067 Area 1.44126e+06) 3. Methyl paraben (tR 3.963 Area 543081) 4. Dehydroacetic acid (tR 4.807 Area 206383) 5. Ethyl paraben (tR 5.850 Area 661079) 6. iso-Propyl paraben (tR 8.857 Area 711670) 7. n-Propyl paraben (tR 9.473 Area 507682) 8. iso-Butyl paraben (tR 15.447 Area 423226) 9. n-Butyl paraben (tR 16.223 Area 413628)	CH <sub>3</sub> CN H <sub>2</sub> O Acetate buffer Isocratic	UV 240 nm
<a href="#">Data No. C35 ODS-3V-024</a>	Inertsil ODS-3V 5□□m 150 □~ 4.6 mm I.D.	35. Analysis of Flavonoids	1. Troxerutin (0.2 mg/mL) 2. Rutin (0.2 mg/mL) 3. Fisetin (0.2 mg/mL) 4. Morin (0.2 mg/mL) 5. Luteolin (0.2 mg/mL) 6. Quercetin (0.2 mg/mL) 7. Kaempferol (0.2 mg/mL) 8. Chrysin (0.2 mg/mL)	CH <sub>3</sub> OH THF H <sub>2</sub> O Phosphate buffer Isocratic	UV 254 nm
<a href="#">Data No. C36 ODS-3V-025</a>	Inertsil ODS-3V 5□□m 150 □~ 4.6 mm I.D.	36. Analysis of Catechins	1. Catechin (20 ng/mL) 2. Epicatechin (20 ng/mL) 3. Epigallocatechin gallate (7 ng/mL)	CH <sub>3</sub> CN CH <sub>3</sub> OH H <sub>2</sub> O Phosphate buffer Isocratic	ECD 600 mV
<a href="#">Data No. C37 ODS-P-001</a>	Inertsil ODS-P 5□□m 250 □~ 4.6 mm I.D.	37. Analysis of vegetable juice extract	1. □□-Carotene 2. □□-Carotene 3. Lycopene	CH <sub>3</sub> OH THF Isocratic	VIS 450 nm
<a href="#">Data No. C38 ODS-3-010</a>	Inertsil ODS-3 5□□m 150 □~ 1.5 mm I.D.	38. Analysis of Zeranol	1. □□-Trenbolone 2. Zeranol (Zearalenol)	CH <sub>3</sub> CN H <sub>2</sub> O Phosphate buffer Isocratic	ECD 850 mV
<a href="#">Data No. C40 NH2-004</a>	Inertsil NH2 5□□m 150 □~ 4.6 mm I.D.	40. Malto oligosugars	1. Maltose (1.67 mg/mL) 2. Maltotriose (1.67 mg/mL) 3. Maltotetraose (1.67 mg/mL) 4. Maltopentaose (1.67 mg/mL) 5. Maltohexaose (1.67 mg/mL) 6. Maltoheptaose (1.67 mg/mL)	CH <sub>3</sub> CN/H <sub>2</sub> O = 55/45	RI
<a href="#">Data No. C41 NH2-004</a>	Inertsil NH2 5□□m 250 □~ 4.6 mm I.D.	41. Sugar alcohol	1. Erythritol (2 mg/mL) 2. Xylitol (2 mg/mL) 3. Fructose (6 mg/mL) 4. Sorbitol (2 mg/mL) 5. Mannitol (2 mg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI
<a href="#">Data No. C42 NH2-006</a>	Inertsil NH2 5□□m 250 □~ 4.6 mm I.D.	42. Sweetners	1. Aspartame (0.125 mg/mL) 2. Stevioside (0.125 mg/mL) 3. Glycyrrhizic acid (0.125 mg/mL) 4. Saccharin (0.125 mg/mL)	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	RI

**WINLAB PTY LTD**

2 Pinacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

 Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)


GL Science Inertsearch™ for LC Inertsil® Applications Food					
Data No Column	Data Title	Solutes	Eluent	Detection	
<a href="#">Data No. C43 NH2-007</a>	Inertsil NH2 5 □□m 250 □~ 4.6 mm I.D.	43. Sugars	1. Fructose (7.5 mg/mL) 2. Glucose (7.5 mg/mL) 3. Sucrose (7.5 mg/mL) 4. Maltose (7.5 mg/mL)	CH <sub>3</sub> OH H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> Isocratic	UV 210 nm
<a href="#">Data No. C44 ODS-3V-026</a>	Inertsil ODS-3V 5 □□m 150 □~ 4.6 mm I.D.	44. Dye	1. Tartrazine 2. Amaranth 3. Indigocarmine 4. New coccine 5. Sunset yellow FCF 6. Allura red AC 7. Fast green FCF 8. Brilliant blue FCF 9. Erythrosine 10. Acid red 11. Phloxine 12. Rose bengal	CH <sub>3</sub> CN H <sub>2</sub> O Isocratic	UV 254 nm
<a href="#">Data No. C45 ODS-3-049</a>	Inertsil ODS-3 5 □□m 150 □~ 3.0 mm I.D.	45. Analysis of Sudan	1. Sudan I (50 □□g/mL) 2. Sudan II (50 □□g/mL) 3. Sudan III (50 □□g/mL) 4. Sudan IV (50 □□g/mL)	CH <sub>3</sub> CN H <sub>2</sub> O CH <sub>3</sub> COONH <sub>4</sub> Gradient	UV 254 nm
<a href="#">Data No. C46 Diol-010</a>	Inertsil Diol 5 □□m 250 x 4.6 mm I.D.	Analysis of Monosaccharides and Disaccharides	1. Fructose 2. Glucose 3. Sucrose 4. Maltose	A) CH <sub>3</sub> CN B) H <sub>2</sub> O A/B = 80/20 w/w	RI
<a href="#">Data No. C47 Diol-011</a>	Inertsil Diol 5 □□m 250 x 4.6 mm I.D.	Analysis of Sugar Alcohols	1. Erythritol 2. Xylitol 3. Fructose 4. Sorbitol 5. Mannitol	A) CH <sub>3</sub> CN B) H <sub>2</sub> O A/B = 85/15 w/w	RI
<a href="#">Data No. C48 Diol-012</a>	Inertsil Diol 5 □□m 250 x 4.6 mm I.D.	Analysis of Oligosaccharides	1. Maltose 2. Maltotriose 3. Maltotetraose 4. Maltopentaose 5. Malthexaose 6. Maltoheptaose	A) CH <sub>3</sub> CN B) H <sub>2</sub> O A/B = 65/35 w/w	RI
<a href="#">Data No. C49 Diol-002</a>	Inertsil Diol 5 □□m 150 x 4.6 mm I.D.	Analysis of Parabenes	1. n-Butyl paraben 2. n-Propyl paraben 3. Ethyl paraben	A) n-Hexane B) Ethanol A/B = 95/5 w/w	UV 254 nm
<a href="#">Data No. C50 SIL-100A-005</a>	Inertsil SIL-100A 5 □□m 150 x 4.6 mm I.D.	Analysis of Parabenes	1. n-Butyl paraben 2. n-Propyl paraben 3. Ethyl paraben	A) n-Hexane B) Ethanol A/B = 95/5 w/w	UV 254 nm
<a href="#">Data No. C51 Diol-004</a>	Inertsil Diol 5 □□m 150 x 4.6 mm I.D.	Analysis of Parabens	1. Ethyl paraben 2. n-Propyl paraben 3. n-Butyl paraben	A) CH <sub>3</sub> CN B) H <sub>2</sub> O A/B = 20/80 w/w	UV 254 nm

**WINLAB PTY LTD**

2 Pinnacle St, Brendale, Queensland, Australia, 4500

PO Box 5007, Brendale, Queensland, Australia, 4500

Ph: +61 7 3205 5233: Fax: +61 7 3205 1209

Email: [info@winlab.com.au](mailto:info@winlab.com.au) [www.winlab.com.au](http://www.winlab.com.au)

<b>GL Science Inertsearch™ for LC Inertsil® Applications Food</b>					
<b>Data No Column</b>	<b>Data Title</b>	<b>Solutes</b>	<b>Eluent</b>	<b>Detection</b>	
<a href="#">Data No. C52 ODS-3-066</a>	Inertsil ODS-3 (5µm 150 × 4.6 mm I.D.)	Analysis of Food Dyes	1. Tartrazine (Food Yellow No. 4 7.6 mg/L) □@ 2. Amaranth (Food Red No. 2 3.8 mg/L) 3. Indigocarmine (Food Blue No. 2 7.6 mg/L) 4. New coccine (Food Red No. 102 3.8 mg/L) 5. Sunset yellow FCF (Food Yellow No. 5 5.3 mg/L) 6. Naphthol Yellow S (7.6 mg/L) 7. Uranine (3.8 mg/L) 8. Allura red AC (5.3 mg/L) 9. Ponceau R (7.6 mg/L) 10. Ponceau SX (5.3 mg/L) 11. Orange I (5.3 mg/L) 12. Fast green FCF (Food Green No. 3 3.0 mg/L) 13. Brilliant blue FCF (Food Blue No. 1 3.0 mg/L) 14. Ponceau 3R (7.6 mg/L) 15. Erythrosine (Food Red No. 3 5.3 mg/L) 16. Azure Blue VX (Sulfan blue 3.0 mg/L) 17. Orange II (7.6 mg/L) 18. Acid red (Food Red No. 106 3.0 mg/L)	CH <sub>3</sub> CN H <sub>2</sub> O Na <sub>2</sub> HPO <sub>4</sub> Gradient	PDA 200 □   700 nm 270 nm
<a href="#">Data No. C53 ODS-3-067</a>	Inertsil ODS-3 (5µm 150 x 4.6 mm I.D.)	Analysis of Fungicides	1. Orthophenylphenol (OPP 0.05 mg/L) 2. Thiabendazole (TBZ 0.01 mg/L) 3. Diphenyl (DP 0.5 mg/L)	CH <sub>3</sub> CN CH <sub>3</sub> OH H <sub>2</sub> O H <sub>3</sub> PO <sub>4</sub> C <sub>12</sub> H <sub>25</sub> -OSO <sub>3</sub> Na Isocratic	FL Ex 285 nm Em 325 nm
<a href="#">Data No. C54 Asahipak NH2P-001</a>	Asahipak NH2P-50 4E (250 x 4.6 mm I.D.)	Analysis of Sugars (detected by Post Column method)	1. Rhamnose (100 µg/mL) 2. Ribose (100 µg/mL) 3. Fucose (100 µg/mL) 4. Xylose (100 µg/mL) 5. Arabinose (100 µg/mL) 6. Sorbose (100 µg/mL) 7. Fructose (100 µg/mL) 8. Mannose (100 µg/mL) 9. Glucose (100 µg/mL) 10. Galactose (100 µg/mL) 11. Sucrose (100 µg/mL) 12. Maltose (100 µg/mL) 13. Lactose (100 µg/mL) 14. Trehalose (100 µg/mL) 15. Kestose (100 µg/mL) 16. Raffinose (100 µg/mL) 17. Stachyose (100 µg/mL)	Isocratic	FL Ex 330 nm Em 470 nm
<b>For complete Product Description, Chromatograms Price &amp; Delivery in Australia &amp; New Zealand contact <a href="mailto:info@winlab.com.au">info@winlab.com.au</a> or call 61 7 3205 5233</b>					