ANALYSIS OF PARTIALLY METHYLATED GLUCOSE ON BPX70

PARTIALLY METHYLATED GLUCOSE

Column Part No.: 054602
Phase: BPX70, 0.25 μm film
Column: 25 m x 0.22 mm I.D.
Initial Temp.: 185 °C, 1 min.
Program Rate: 3 °C/min.

Final Temp: 260 °C, 10 min.
Carrier Gas: He, 50 kPa
Detector: MS (Electron Impact Ionisation, Ionisation Potential 70eV)

Injection Mode: Scan 100 m/z to 350 m/z in 0.3 s.
Split

Notes: BPX70 is compatible with GC/MS systems.

Components
1. 2,3,4-O-methyl rhamnitol
2. 2,3,5-O- methyl arabinitol (f)
3. 2,3,4-O-methyl arabinitol (p)
4. 3,5-O-methyl arabinitol
5. 2,3,4,6-O-methyl glucitol
6. 2,5-O-methyl arabinitol
7. 2,3,4,6-O-methyl galactitol
8. 2,3-O-methyl arabinitol
9. 2,4,6-O-methyl galactitol
10. 2,0-methyl arabinitol
11. 2,3,6-O-methyl glucitol
12. 2,3,4-O-methyl galactitol
13. arabinitol hexa-acetate
14. xylitol hexa-acetate
15. 2,3,4,6-O-methyl galactitol
16. 2-O-methyl galactitol
17. 4-O-methyl galactitol
18. galactitol hexa-acetate
19. glucitol hexa-acetate
20. myo-inositol hexa-acetate