



DATE:

DETERMINATION OF GLUCOMANNAN

(just kit standard only; as no control provided in kit)

| Sample | Absorbance (UV _{340nm} , A ₁) | Absorbance (UV _{340nm} , A ₂) | Absorbance (UV _{340nm} , A ₃) | Absorbance (UV _{340nm} , A ₂ -A ₁) | Absorbance (UV _{340nm} , A ₃ -A ₂) | Glucose (g/L) | Mannose (g/L) |
|----------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------|------------------|
| 1 Reagent blank | 0.137 | 0.141 | 0.147 | 0.004 | 0.006 | - | - |
| 2 0.2 mg/mL of Glucose/Mannose standard; Lot 41008 | 0.130 | 0.386 | 0.640 | 0.256 | 0.254 | 0.204 | 0.202 |
| 3 0.2 mg/mL of Glucose/Mannose standard; Lot 41008 | 0.133 | 0.388 | 0.640 | 0.255 | 0.252 | 0.203 | 0.201 |

Calculations: Glucose = $\Delta A \times 0.81214$

Mannose = $\Delta A \times 0.81716$