



Mega-Calc™ Data Calculator

Total Starch HK (K-TSHK) - Determination



Setting New Standards in Test Technology

Sample details

K-TSHK, 08/11/2019

Blank absorbance values

| | A ₁ | A ₂ |
|---|----------------|----------------|
| 1 | 0.1370 | 0.1360 |
| 2 | 0.1360 | 0.1350 |
| | 0.1365 | 0.1355 |

Sample absorbance values

| | Sample identifier | A ₁ | A ₂ | Sample volume (mL) | Dilution (-fold) |
|---|---|----------------|----------------|--------------------|------------------|
| 1 | Regular Maize Starch Control, Lot 140207, 83% "as is" | 0.1350 | 0.8400 | 0.05 | 1 |
| 2 | Regular Maize Starch Control, Lot 140207, 83% "as is" | 0.1370 | 0.8480 | 0.05 | 1 |
| 3 | Regular Maize Starch Control, Lot 140207, 83% "as is" | 0.1370 | 0.8500 | 0.05 | 1 |
| 4 | Regular Maize Starch Control, Lot 140207, 83% "as is" | 0.1360 | 0.8540 | 0.05 | 1 |

Results

| | ΔAbs (D-Glucose) | Total Starch (g/L) | Sample (g/L) | Starch (g/100 g) "as is" | Moisture Content % |
|--|------------------|--------------------|--------------|--------------------------|--------------------|
| | 0.7060 | 0.825 | 0.984 | 83.835 | |
| | 0.7120 | 0.832 | 1.001 | 83.112 | |
| | 0.7140 | 0.834 | 1.000 | 83.428 | |
| | 0.7190 | 0.840 | 1.006 | 83.512 | |