DATE: 27/10/05

DETERMINATION OF TOTAL STARCH

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Reagent blank = 0.013 (zeroed)

Sample	Weight (mg)	Moisture content (%)	Extract volume (mL)	Absorbance values (510 nm)	Average absorbance (510 nm)	Total Starch (% w/w) "as is" = ΔE x F/W x 90 or 9	Total Starch (% w/w) dry weight
1 RMS Control; 96 % dwb; Lot 60401	98.4	13.6	100	0.956 / 0.942 / 0.968	0.955	84.2	97.47
2 RMS Control; 96% dwb; Lot 60401	103.4	13.6	100	0.989 / 1.010 / 1.015	1.005	84.3	97.53
3 RMS Control; 96% dwb; Lot 60401	99.7	13.6	100	0.954 / 0.973 / 0.959	0.962	83.7	96.84
4 RMS Control;96% dwb; Lot 60401	101.5	13.6	100	0.964 / 0.985 / 0.987	0.979	83.6	96.72

Glucose/100μg = 1.034 / 1.037 / 1.039 / 1.040.; Average = 1.038; F = 96.386

Starch % (dry wt. basis): = Starch % (as is) x $\frac{100}{100 - \text{moisture content (\%)}}$

Comments:……

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