



A photograph of laboratory glassware containing various colored liquids. From left to right: a large Erlenmeyer flask with green liquid, a small brown bottle with yellow liquid, a large graduated cylinder with yellow liquid, and two small brown bottles with red liquid. Each bottle has a white label with text.

Setting New Standards in Test Technology

Sample details

K-DSTRS, 08/11/2019

Absorbance values for 100 micrograms of D-glucose standard

Rep. 1	Rep. 2	Rep. 3	Rep. 4	Average Abs.
0.9960	1.0080	0.9900	1.0060	1.0000

100.0000 Factor [=100 (micrograms of D-glucose)/Absorbance for 100 micrograms of D-glucose]

Extraction					Sample absorbance values			Results		
	Sample identifier	Starch Fraction	Sample weight (g)	Extract Vol. (EV) (mL)	Final Vol. (FV) (mL)	Absorbance values		Starch "as is" (g/100 g)	Moisture Content (%)	Starch "dwb" (g/100 g)
						Sample		ΔAbs		
1	K-DSTRS Control Flour RDS = 6.9%, SDS = 16.2%, TDF = 35.9%, RS = 47.4%,	RDS	0.503	20.50		0.1030	0.1020	0.1025	7.8969	
		SDS				0.3340	0.3320	0.3330	17.7584	
		TDS				0.4290	0.4260	0.4275	32.9359	
		RS			100.0	0.5050	0.5060	0.5055	46.3635	
		Total Starch							79.2994	
2	K-DSTRS Control Flour RDS = 6.9%, SDS = 16.2%, TDF = 35.9%, RS = 47.4%,	RDS	0.503	20.50		0.1020	0.1000	0.1010	7.7860	
		SDS				0.3340	0.3320	0.3330	17.8847	
		TDS				0.4250	0.4270	0.4260	32.8400	
		RS			100.0	0.5010	0.5010	0.5010	45.9782	
		Total Starch							78.8181	
3	K-DSTRS Control Flour RDS = 6.9%, SDS = 16.2%, TDF = 35.9%, RS = 47.4%,	RDS	0.504	20.50		0.1020	0.1030	0.1025	7.8750	
		SDS				0.3420	0.3410	0.3415	18.3622	
		TDS				0.4290	0.4260	0.4275	32.8445	
		RS			100.0	0.5010	0.5060	0.5035	46.0518	
		Total Starch							78.8963	
4	K-DSTRS Control Flour RDS = 6.9%, SDS = 16.2%, TDF = 35.9%, RS = 47.4%,	RDS	0.504	20.50		0.1020	0.1010	0.1015	7.8090	
		SDS				0.3400	0.3450	0.3425	18.5416	
		TDS				0.4340	0.4210	0.4275	32.8902	
		RS			100.0	0.5090	0.5020	0.5055	46.2990	
		Total Starch							79.1892	