

Table 1. Reference Tests							
IRM 100							
Test	Mean (AR-value)	Within Laboratory			Between Laboratories		
		Sr	2 x Sr	3 x Sr	SR	2 x SR	3 x SR
CTAB Surface Area; ASTM D6845/ISO 5794-1; m <sup>2</sup> /g	165.1	1.14	2.28	3.43	1.67	3.34	5.01
Particle size, d50%, laser diffraction; ISO 13320-1; μm	12.2	0.20	0.39	0.59	0.65	1.30	1.95
pH value, 5% (m/m); ASTM D6739/ISO 787-9	5.5	0.04	0.08	0.12	0.12	0.25	0.37
Oil absorption number (DOA); ISO CD 19246; ml/100g	265.6	1.40	2.79	4.19	2.61	5.21	7.82

Table 2. Informational Tests							
IRM 100							
Test	Mean (AR-value)	Within Laboratory			Between Laboratories		
		Sr	2 x Sr	3 x Sr	SR	2 x SR	3 x SR
BET Surface area, Multipoint; ASTM D1993/ISO 9277; m <sup>2</sup> /g	167.9	0.77	1.53	2.30	1.20	2.40	3.60
Loss on drying, 2h at 105°C; ISO 787-2; %	3.2	0.11	0.21	0.32	0.16	0.32	0.48
Loss on ignition, 2h at 1000°C; ISO 3262-1; %	2.9	0.10	0.20	0.30	0.23	0.47	0.70
Conductivity, 4% (m/V); ISO 787-14; μS/cm	146.4	2.24	4.48	6.73	7.13	14.27	21.40