


LowC Communities  
Lodge Farm Aunby  
Stamford Lincs PE9 4EE United Kingdom

your reference : Brown  
your order-no. : Email  
date of order : 5/26/2009  
sample receipt : 5/26/2009  
sampling : Customer  
report date : 6/2/2009  
page : 1 of 1

## Report-No. : 173093

— Sample Designation : Rapeseed Fuel Oil 0221173  
Sample Appearance : yellowish, limpid, no free water visible, no contaminations visible, characteristic odour  
Sample Container : PE-bottle 800 ml  
ASG-ID : 148675 Seal : -

Parameter	Method	Result	Specification DIN V 51 605	Unit
Density (15 °C)	DIN EN ISO 12185	917,7	900 - 930	kg/m <sup>3</sup>
Flash point	DIN EN ISO 2719	258,0	min. 220	°C
Kin. viscosity (40 °C)	DIN EN ISO 3104	38,22	max. 36,0	mm <sup>2</sup> /s
Kin. viscosity (50 °C)		38,22	-	mm <sup>2</sup> /s
Calorific value, lower	DIN 51 900-2	37500	min. 36000	kJ/kg
Cetane number (DCN)	IP 498	46,9	min. 39	-
Carbon residue	DIN EN ISO 10370	0,29	max. 0,40	% (m/m)
Iodine value	DIN EN 14111	107	95 - 125	g Iodine/100g
Sulfur content	DIN EN ISO 20884	6,0	max. 10	mg/kg
Total contamination	DIN EN 12662	15	max. 24	mg/kg
Acid value	DIN EN 14104	0,371	max. 2,0	mg KOH/g
Oxidation stability 110 °C	DIN EN 14112	7,5	min. 6,0	h
Phosphorous content	DIN EN 14107	3,1	max. 12	mg/kg
Earth alkali content (Ca + Mg)	DIN EN 14538	3,9	max. 20	mg/kg
Ash content	DIN EN ISO 6245	0,002	max. 0,01	% (m/m)
Water content	DIN EN ISO 12937	546	max. 750	mg/kg

  
Dr. H. Stein