



To: Smude Oil
500 Centennial Dr

Pierz, MN 56364

Account No.: 7783 (0)
Sampled By: Smude Oil
Sampled For: SMUDE OIL
Test Mode: D1Z
Feed Type: Oilseeds & byproducts
Sub Type: Sunflower meal

Product: high protein sunflower
Description2: meal

		<u>Dry Basis</u>	<u>As Is</u>
Summary			
Moisture		6.99%	
Dry Matter		93.01%	
Results			
Crude Protein	%DM	38.68	35.97
AD-ICP	%DM	0.81	0.75
ADF	%DM	23.14	21.52
aNDF	%DM	20.99	19.52
aNDFom	%DM	20.16	18.75
Lignin (Sulfuric Acid)	%DM	12.90	11.99
Lignin	%NDFom	63.99	63.98
Fat (EE)	%DM	14.11	13.12
Ash	%DM	7.61	7.07
Calculations			
Adjusted Crude Protein	%DM	38.68	35.97
NFC	%DM	20.84	19.38
		<u>ADF</u>	<u>OARDC</u>
TDN	%DM		81.36
Nel 3x	Mcal/cwt	90.00	85.15
Neg	Mcal/cwt	67.38	70.49
Nem	Mcal/cwt	98.13	101.83