

KLC Farms Roasting Inc.

**Dry Matter 95.78%**  
**Moisture 4.22%**

Sample has been ground to pass a 6 mm screen for this report.

Description (%DM unless specified)	Dry Matter Basis	As Received Basis
Dry Matter		95.78
<b>Crude Protein</b>	<b>39.92</b>	<b>38.23</b>
Avail. Crude Protein	39.84	38.16
<b>ADICP</b>	<b>0.07</b>	<b>0.07</b>
<b>NDICP</b>	<b>0.51</b>	<b>0.49</b>
ADICP %CP	0.18	
<b>ADF</b>	<b>7.09</b>	<b>6.79</b>
<b>aNDF</b>	<b>8.02</b>	<b>7.68</b>
<b>RUP %CP</b>	<b>52.60</b>	<b>50.38</b>
<b>RUP intestinal digestibility, % of RUP</b>	<b>64.04</b>	<b>61.34</b>
Dry Matter Disappearance	58.67	56.19
<b>Calcium</b>	<b>0.20</b>	<b>0.20</b>
<b>Phosphorus</b>	<b>0.62</b>	<b>0.60</b>
<b>Magnesium</b>	<b>0.21</b>	<b>0.20</b>
<b>Potassium</b>	<b>1.81</b>	<b>1.74</b>
<b>Sulfur</b>	<b>0.29</b>	<b>0.28</b>
<b>Fat (EE)</b>	<b>23.38</b>	<b>22.40</b>
<b>Ash</b>	<b>5.51</b>	<b>5.27</b>
<b>Lignin</b>	<b>1.11</b>	<b>1.06</b>
<b>Starch</b>	<b>0.33</b>	<b>0.31</b>
<b>Calculations</b>		
NFC	23.68	
<b>NRC 2001 Energy calculations Dairy</b>		
TDN 1X	109.86	
NEL 3x, Mcal/lb	1.229	
NEG, Mcal/lb	1.040	
NEM, Mcal/lb	1.435	

For analysis guidelines, please visit <http://www.rockriverlab.com>

**Comments**

Minerals by ICP

Washout fraction measures (A Fraction - lost upon warm water rinse)

-Dry Matter Disappearance: 15.46% of DM

-Retained CP: 96.24% of CP

Washout corrected 16h rumen in situ measures (B Fraction)

-Dry Matter Disappearance: 50.91% of DM

-Rumen Undegraded CP: 54.88% of CP