



# Feed Analysis Report

920-261-0446  
office@rockriverlab.com  
www.rockriverlab.com

Representative:

KLC Farms Roasting, Inc. 593  
37089 395th Avenue  
Sauk Centre, MN 56378  
320.352.3326

Cracked Roasted Soybeans 2018  
KLC Farms Roasting Inc.

**Dry Matter** 96.62%  
**Moisture** 3.38%

Description (%DM unless specified)	Dry Matter Basis	Last Sample 118821	As Received Basis
Dry Matter	96.62	97.19	
<b>Crude Protein</b>	<b>41.43</b>	42.53	<b>40.03</b>
Avail. Crude Protein	40.23	40.70	38.86
<b>ADICP</b>	<b>1.20</b>	1.83	<b>1.16</b>
<b>NDICP</b>	<b>3.37</b>	3.72	<b>3.26</b>
ADICP %CP	2.91	4.30	2.81
<b>ADF</b>	<b>8.26</b>	7.08	<b>7.98</b>
<b>aNDF</b>	<b>9.53</b>	12.22	<b>9.21</b>
<b>RUP %CP</b>	<b>66.59</b>		<b>64.33</b>
<b>RUP intestinal digestibility, % of RUP</b>	<b>70.39</b>		<b>68.01</b>
Dry Matter Disappearance	46.46		44.89
<b>Calcium</b>	<b>0.18</b>	0.14	<b>0.17</b>
<b>Phosphorus</b>	<b>0.69</b>	0.66	<b>0.67</b>
<b>Magnesium</b>	<b>0.23</b>	0.20	<b>0.22</b>
<b>Potassium</b>	<b>1.94</b>	1.81	<b>1.87</b>
<b>Sulfur</b>	<b>0.32</b>	0.27	<b>0.31</b>
<b>Fat (EE)</b>	<b>22.46</b>	21.94	<b>21.70</b>
<b>Ash</b>	<b>6.29</b>	5.32	<b>6.08</b>
<b>Lignin</b>	<b>3.44</b>	1.57	<b>3.33</b>
<b>Starch</b>	<b>0.95</b>	2.88	<b>0.92</b>
<b>NDF Digest.: Traditional=Goering &amp; Van Soest Method, Standardized=Combs-Goeser Method</b>			
<b>NDFD 48, %NDF</b>	<b>81.71</b>		<b>78.94</b>
<b>Calculations</b>			
NFC	23.66	21.71	
<b>NRC 2001 Energy calculations (Lignin)</b>			
TDN 1X	105.13	105.28	
NEL 3x, Mcal/lb	1.185	1.186	
NEG, Mcal/lb	0.983	0.985	
NEM, Mcal/lb	1.362	1.364	

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: 10.26% of DM

-Retained CP: 99.73% of CP

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

-Dry Matter Disappearance: 40.02% of DM

-Rumen Undegraded CP: 67.13% of CP

**Bold results by wet chemistry**

Lab # 123-604

Sampled 9/10/2018

Received 9/13/2018

