

1 Roasted Soybeans ARI1 2019

**Dry Matter 96.91%**  
**Moisture 3.09%**

Description (%DM unless specified)	Dry Matter Basis	As Received Basis
Dry Matter	96.91	
<b>Crude Protein</b>	<b>40.98</b>	<b>39.71</b>
Avail. Crude Protein	39.51	38.29
<b>ADICP</b>	<b>1.47</b>	<b>1.43</b>
<b>NDICP</b>	<b>3.50</b>	<b>3.39</b>
ADICP %CP	3.60	3.48
<b>ADF</b>	<b>2.90</b>	<b>2.81</b>
<b>aNDF</b>	<b>9.60</b>	<b>9.30</b>
<b>RUP %CP</b>	<b>56.67</b>	<b>54.92</b>
<b>RUP intestinal digestibility, % of RUP</b>	<b>61.13</b>	<b>59.24</b>
Dry Matter Disappearance	53.46	51.81
<b>Calcium</b>	<b>0.17</b>	<b>0.17</b>
<b>Phosphorus</b>	<b>0.56</b>	<b>0.54</b>
<b>Magnesium</b>	<b>0.21</b>	<b>0.21</b>
<b>Potassium</b>	<b>1.75</b>	<b>1.69</b>
<b>Sulfur</b>	<b>0.29</b>	<b>0.29</b>
<b>Fat (EE)</b>	<b>22.57</b>	<b>21.87</b>
<b>Ash</b>	<b>5.87</b>	<b>5.69</b>
<b>Lignin</b>	<b>2.66</b>	<b>2.58</b>
<b>Starch</b>	<b>0.86</b>	<b>0.84</b>
<b>Calculations</b>		
NFC	24.48	
<b>NRC 2001 Energy calculations Dairy</b>		
TDN 1X	105.87	
NEL 3x, Mcal/lb	1.189	
NEG, Mcal/lb	0.992	
NEM, Mcal/lb	1.373	

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

**Comments**

Trypsin Inhibitor 4,500 TIU/g

Minerals by ICP

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

-Dry Matter Disappearance: 14.33% of DM

-Retained CP: 96.70% of CP

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

-Dry Matter Disappearance: 44.77% of DM

-Rumen Undegraded CP: 59.58% of CP