

Company:	Reference:		
Farm/Client:	<b>Temp - In attesa di dati fiscali</b>		
Sample:	<b>Bovine faeces</b>		
Date received:	<b>07/06/2022</b>	Start date: <b>07/06/2022</b>	End date: <b>22/03/2023</b>
Sample N.°:	<b>8032/1</b>	Sampled by: <b>by the customer (Delivery by courier)</b>	

PARAMETER	METHOD	As is Basis	Dry Basis	Units
Moisture	in oven 65° x 16h	<b>86,40</b>		% (g/100g)
DRY MATTER:	By calc (100-Moisture)	<b>13,60</b>		% (g/100g)
CP -Crude Protein:	NIR spectroscopy	<b>2,29</b>	<b>16,84</b>	% (g/100g)
EE -Crude Fat, Ether Extract:	NIR spectroscopy	<b>0,41</b>	<b>3,05</b>	% (g/100g)
Ash:	NIR spectroscopy	<b>2,19</b>	<b>16,12</b>	% (g/100g)
Starch:	NIR spectroscopy	<b>0,22</b>	<b>1,63</b>	% (g/100g)
aNDFom - ash free:	NIR spectroscopy	<b>7,19</b>	<b>52,86</b>	% (g/100g)
ADFom - ash free:	NIR Spectroscopy	<b>3,96</b>	<b>29,12</b>	% (g/100g)
ADL -Lignin, Acid Detergent:	NIR Spectroscopy	<b>1,14</b>	<b>8,39</b>	% (g/100g)
Apparent Digestibility in TMR	Ingested / Excreted Ratio with ADL tracer			
Protein Digestibility *:	by calculation	<b>64,8</b>		% (g/100g)
Digestibility of Oils and Fats (EE)*:	by calculation	<b>68,2</b>		% (g/100g)
Digestibility of Ashes *:	by calculation	<b>37,2</b>		% (g/100g)
Starch digestibility:	by calculation	<b>97,5</b>		% (g/100g)
aNDFom Digestibility:	by calculation	<b>50,0</b>		% (g/100g)
ADFom Digestibility:	by calculation	<b>53,7</b>		% (g/100g)

Notes on Apparent Digestibility: The data are obtained by comparing the values of the faeces with those of the corresponding TMR only with the ADL tracer.

\* = the parameter with an asterisk indicates both the exogenous (alimentary) and endogenous (physiological) origin of the parameter.

The calculation, ad example for Starch, used is:  $[(ADL_{Faeces} / Starch_{Faeces} - ADL_{TMR} / Starch_{TMR}) / (ADL_{Faeces} / Starch_{Faeces}) * 100]$ .

Apparent digestibility results refer to the rearing conditions of the herd in question.

**Gonzaga, 22/03/2023**

The Area Manager  
The Technical Management  
Dr Marco Mancinelli

