|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 2.** Comparison of apparent ileal amino acid digestibility (%) in dogs fed an extruded diet and standardized amino acid digestibility (%) of mice using the precision-fed cecectomized rooster assay. Values are means. | | | | | | | | |
|  | **Apparent ileal digestibility EXT** | | | | | | | **Standardized digestibility mice** |
| **Item** | **Hendriks and Sritharan**(78) | **Hendriks *et al.***(79) | **Muir *et al.***(77) **CD**\* | **Muir *et al.***(77) **BP**† | **Muir *et al.***(77) **LCM**‡ | **Muir *et al.*** (77) **HCM**§ | **Muir *et al.***(77) **SF**‖ | **Kerr *et al.***(76) |
| *Indispensable amino acids* | | | | | | | | |
| Arginine | 89.3 | 87.3 | 86.8 | 87.3 | 83.4 | 87.9 | 88.7 | 88.9 |
| Histidine | 80.9 | 61.4 | 76.2 | 75.4 | 68.7 | 77.6 | 80.0 | 91.3 |
| Isoleucine | 84.1 | 77.7 | 77.9 | 78.3 | 71.1 | 79.1 | 81.5 | 86.4 |
| Leucine | 85.4 | 79.4 | 78.9 | 79.1 | 74.1 | 81.0 | 82.6 | 88.3 |
| Lysine | 83.6 | 76.8 | 80.3 | 80.0 | 68.2 | 78.6 | 83.5 | 88.2 |
| Methionine | 86.3 | 82.6 | 86.0 | 87.2 | 86.2 | 86.7 | 87.7 | 91.0 |
| Phenylalanine | 86.8 | 80.3 | 75.2 | 72.8 | 69.0 | 77.4 | 78.0 | 87.4 |
| Threonine | 73.5 | 62.0 | 69.0 | 67.2 | 62.7 | 72.0 | 73.6 | 85.3 |
| Valine | 81.2 | 72.3 | 74.7 | 74.7 | 68.9 | 77.2 | 79.0 | 87.1 |
| *Dispensable amino acids* | | | | | | | | |
| Cystine | n.a.¶ | 56.5 | n.a.¶ | n.a.¶ | n.a.¶ | n.a.¶ | n.a.¶ | 64.0 |
| Tyrosine | 85.2 | 77.2 | 72.9 | 72.2 | 67.0 | 76.4 | 77.3 | 79.9 |

\*Control diet

†Beetpulp

‡Low-cellulose mixture

§High-cellulose mixture

‖Solka Floc

¶ Not available