



Inka-Donata Niehoff (Autor)

**Investigations on the effects of niacin
supplementation to different rations on rumen
fermentation, duodenal nutrient flow and several
serum and milk parameters of dairy cows**

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Cuvillier Verlag Göttingen
Internationaler wissenschaftlicher Fachverlag

<https://cuvillier.de/de/shop/publications/962>

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Abbreviations

ADF	acid detergent fibre
ARD	apparent ruminal digestibility
AS	apparent synthesis
BHBA	β -hydroxybutyrate
BW	body weight
CF	crude fibre
CONC	effect of concentrate level
CP	crude protein
d	day
DM	dry matter
DIM	days in milk
DMF	dry matter flow
DMI	dry matter intake
EE	ether extract
e.g.	exempli gratia, for example
EP	endogenous protein
F:C ratio	forage-to-concentrate ratio
FCM	fat-corrected milk
FOM	fermented organic matter
HC	high concentrate
HPLC	high performance liquid chromatography
LC	low concentrate
MAX	maximum
MC	medium concentrate
ME	metabolisable energy
MIN	minimum
MP	microbial crude protein
n.a.	not analysed
n.d.	not determined
NA	nicotinic acid
NAD	nicotinamide adenine dinucleotide
NADP	nicotinamide adenine dinucleotide phosphate