



DM SCIENTIFIC



Main Site, Dalton, Thirsk, North Yorkshire YO7 3JA

T. 01845 577757

E. info@dmscientific.co.uk

W. <http://www.dmscientific.co.uk>

NUVetNA, School of Veterinary Medicine and Science,
University of Nottingham, Sutton Bonington LE12 5RD

T. 0115 9516447

M. 07976 906258

E. NUVetNA@nottingham.ac.uk

W. <http://www.Nottingham.ac.uk/nuvetna>

DMS – NUVetNA collaborative forage/feedstuff analysis service

Why?

Both laboratories run and have specialist areas, DMS could only offer a limited mineral analysis, whilst NUVetNA could not offer the macronutrient content (Energy, Protein, Fibre)

How?

The combined service will have samples submitted to DMS at DMS, Main Site, Dalton, Thirsk, North Yorkshire YO7 3JA. DMS will receive the samples and carry out the receipt process and then send an aliquot of the samples onto NUVetNA for mineral analysis whilst retaining an aliquot carry out the requested macro nutrient options.

Results will be issued separately from both labs. However, invoicing will be carried out via DMS who will then settle with NUVetNA. For invoicing queries please contact DMS, whilst for analysis/results queries please contact the relevant lab for the analysis part. It is likely that the mineral results will be after the macronutrient results.

The options

There are 3 options for the macronutrients and 2 mineral options:

FORAGE-NIR -this will be the cheaper option as it relies on previous calibrations so is appropriate for common sample matrixes such as grass, silage, whole crop and Hay. It will give results for a comprehensive list of tests, please email info@dmscientific.co.uk for more information. **NIR 1** (DM, CP, ADF, NDF, Fat, Starch, TDN, ME)

NIR Plus (NDF Digestibility, 30hr, 120hr, 240hr, Fatty acids, VFA, Lactic acid) Example reports available on request.

Wet Chemistry – this is the ‘back to basics’ approach and is ideal for non-standard feedstuffs/forages. It will give results for Protein, ME, Fibre, NDF – email info@dmscientific.co.uk for more information. List of UKAS accredited tests available upon request.

Multi-mineral – This reports an array of mineral concentrations (Ca, Mg, P, Na, K, Cl, S, Al, Fe, Mo, Pb, Mn, Zn, Cu, Co, Se, Cd)

Iodine – This reports the iodine concentration (different analysis matrix)

Multi-mineral and iodine analysis can be run in either singleton or duplicate. Singleton analysis is appropriate where there is sufficient biological replication eg a number of similar fields/areas (>4), otherwise we recommend duplicate analysis.

How much sample? 200g -300g sample is ideal

If analysis is required outside of the collaborative packages above or just macro nutrients/mineral analysis is required, then please contact the labs separately.

Postal bags and sample bags available upon request from info@dmscientific.co.uk.



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Submission address:
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Combined Forage Analysis Request Form

Sample Submitter		Invoice To	
Contact number			
Email(s) to report to			
P/O Number (if applicable)			

There is a £10 service submission charge

Lab reference ID Number (lab use only)									
Farm/reference									
Sample type (eg hay/grass)									
Sample Date									
Sample id									
Macro nutrient packages									
NIR1 (Basic NIR) £19.99									
NIR Plus (basic + NDF Digestibility) £19.99+ £10.66 = £31.65									
Wet Chem (email info@dmscientific.co.uk)									
Mineral packages									
Multi-mineral (singleton) £40									
Multi-mineral (duplicate) £65									
Iodine (singleton) £45									
Iodine (duplicate) £70									

Analysis can be run in singleton or duplicate. Duplicates are run from the same sample. Singleton analysis is appropriate where there is sufficient biological replication eg a number of similar fields/areas (>4), otherwise we recommend duplicate analysis. If you do not indicate a preference, we will run duplicate analysis for sample numbers less than 4. All types of analysis can be run from the same sample, as long as there is sufficient sample.

All prices quoted are per sample (except £10 service submission fee) and exclude VAT

Please email NUVetNA@nottingham.ac.uk for all your mineral queries.
Please email dmacmillan@dmscientific.co.uk for NIR/Wet chemistry proximate queries
submit to: DMS, Main Site, Dalton, Thirsk, North Yorkshire YO7 3JA