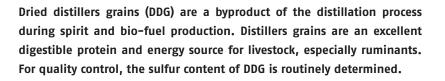
DATA BULLETIN

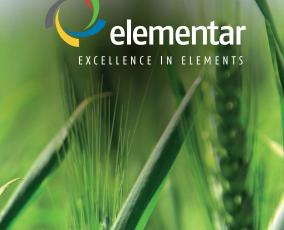
The sulfur content of dried distillers grains measured with the rapid CS cube



The samples are weighed into tin boats with an additive of WO₃. The calibration and the daily factor are determined using sulfanilamide. Each sample was analyzed four times. The average S content of six different dried distillers grains samples including their absolute standard deviations are presented below.

SAMPLE	S [%]	SD [%]
DDG-1	1.064	0.028
DDG-2	1.051	0.037
DDG-3	0.989	0.049
DDG-4	1.057	0.040
DDG-5	1.009	0.036
DDG-6	0.972	0.072

Using the rapid CS cube, the sulfur content of dried distillers grains could be analyzed with a very good precision without any limitations. The fast analysis and easy sample preparation enables the fully automated analyses of up to 60 samples within 5 hours with the rapid S cube.



INSTRUMENT: rapid CS cube

DETAILS: carrier gas: oxygen sample: 80–100 mg grains



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