



CERTIFICATE OF PARTICIPATION

This certificate confirms that:
MPA Eberswalde, Materialprüfanstalt Brandenburg GmbH

took part in:
FAPAS Proficiency Test **1575**
Nitrate in Lettuce Purée

and were allocated laboratory number **35** .

The performance of the laboratory is shown in the relevant report, which is available from the secure pages at www.fapas.com

FAPAS®, FEPAS®, GeMMA, LEAP®
The Food and Environment Research Agency
Sand Hutton
York YO41 1LZ

tel: +44 1904 462100
fax: +44 1904 462040
info@fapas.com
www.fapas.com

FAPAS®, FEPAS®, GeMMA and LEAP® are UKAS accredited, giving independent confirmation that we comply with the requirements of International Standard ISO/IEC 17043:2010. Additionally, the Food and Environment Research Agency is an ISO 9001 certified organisation.

PRINTED COPIES OF THIS DOCUMENT ARE UNCONTROLLED

Table 1: Results and z-Scores

laboratory number	analyte		laboratory number	analyte	
	assigned value	nitrate		assigned value	nitrate
		3549 mg/kg			3549 mg/kg
	result mg/kg	z-score		result mg/kg	z-score
001	3485	-0.4	026	3290	-1.6
002	3467.5	-0.5	027	3842	1.8
003	3856	1.9	028	3600	0.3
004	3470	-0.5	029	3473.00	-0.5
005	3496	-0.3	030	3480	-0.4
006	3627	0.5	031	3500	-0.3
007	3230	-1.9	032	3728	1.1
008	3498	-0.3	033	3370	-1.1
009	3531	-0.1	034	3119	-2.6
010	3754	1.2	035	3380	-1.0
011	3849	1.8	036	3451	-0.6
012	3943.5	2.4	037	3655	0.6
013	3494	-0.3	038	3528	-0.1
014	3550	0.0	039	3452	-0.6
015	3513	-0.2	040	3660	0.7
016	3670	0.7	041	3851	1.8
017	3540+- 177	-0.1	042	3537.40	-0.1
018	3600	0.3	043	3524	-0.1
019	3530.47	-0.1	044	3310	-1.4
020	3560	0.1	045	3492	-0.3
021	3566	0.1	046	3095.6	-2.7
022	3895±974	2.1	047	3488	-0.4
023	3051	-3.0	048	3480.11	-0.5
024	3440	-0.7	049	3589	0.2
025	3866	1.9	050	3679.6	0.8

z-scores outside $|z| > 2$ are shown in **bold**, see Section 5