

University of Groningen

New guidelines for delta C-13 measurements

Coplen, TB; Brand, WA; Gehre, M; Groning, M; Meijer, HAJ; Toman, B; Verkouteren, RM;
Coplen, Tyler B.; Brand, Willi A.; Gröning, Manfred

Published in:
Analytical Chemistry

DOI:
[10.1021/ac052027c](https://doi.org/10.1021/ac052027c)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2006

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Coplen, TB., Brand, WA., Gehre, M., Groning, M., Meijer, HAJ., Toman, B., Verkouteren, RM., Coplen, T. B., Brand, W. A., & Gröning, M. (2006). New guidelines for delta C-13 measurements. *Analytical Chemistry*, 78(7), 2439-2441. <https://doi.org/10.1021/ac052027c>

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Values from Table 10-D, SP260-149 (2004 ED)
http://ts.nist.gov/ts/htdocs/230/232/sp_publications/documents/SP260-149.pdf

Laboratory	Reference Name	d13C relative to VPDB (NBS19 ≡ 1.95) × 10 ³		n	d13C relative to VPDB (NBS19 ≡ 1.95) and normalized to LSVEC ≡ -46.6 × 10 ³	Multivariate Bayesian Consensus means × 10 ³	Type A uncertainty × 10 ³	Type B uncertainty × 10 ³	Combined standard uncertainty × 10 ³	Expanded standard uncertainty × 10 ³
		1-s	× 10 ³							
1	RM8562	-3.732	0.074	2	-3.774					
2	RM8562	-3.745	0.011	2	-3.757					
3	RM8562	-3.744	0.003	2	-3.729					
4	RM8562	-3.748	0.007	2	-3.771	-3.7160	0.0376	0.0057	0.0380	0.0760
5	RM8562	-3.726	0.048	2	-3.723					
6	RM8562	-3.651	0.015	2	-3.652					
7	RM8562	-3.612	0.016	2	-3.585					
1	RM8563	-41.596	0.012	2	-41.917					
2	RM8563	-41.518	0.024	2	-41.607					
3	RM8563	-41.728	0.004	2	-41.610					
4	RM8563	-41.524	0.004	2	-41.701	-41.5853	0.0384	0.0435	0.0581	0.1161
5	RM8563	-41.598	0.013	2	-41.575					
6	RM8563	-41.479	0.004	2	-41.487					
7	RM8563	-41.307	0.113	2	-41.095					
1	RM8564	-10.453	0.011	2	-10.544					
2	RM8564	-10.411	0.022	2	-10.436					
3	RM8564	-10.459	0.015	2	-10.425					
4	RM8564	-10.451	0.034	2	-10.502	-10.4523	0.0376	0.0124	0.0396	0.0792
5	RM8564	-10.488	0.025	2	-10.481					
6	RM8564	-10.432	0.025	2	-10.434					
7	RM8564	-10.340	0.003	2	-10.280					
1	NBS 18	-4.993	0.021	5	-5.044					
2	NBS 18	-4.991	0.015	5	-5.005					
3	NBS 18	-5.025	0.046	5	-5.006					
4	NBS 18	-5.018	0.012	5	-5.046	-5.0147	0.0337	0.0070	0.0344	0.0688
5	NBS 18	-5.040	0.021	5	-5.036					
6	NBS 18	-4.994	0.018	5	-4.995					
7	NBS 18	-4.939	0.008	3	-4.905					
1	IAEA-CO-9	-47.453	0.015	5	-47.817					
2	IAEA-CO-9	-47.272	0.042	4	-47.373					
3	IAEA-CO-9	-47.621	0.024	5	-47.487					
4	IAEA-CO-9	-47.242	0.091	5	-47.442	-47.3840	0.0386	0.0493	0.0626	
5	IAEA-CO-9	-47.393	0.028	5	-47.367					
6	IAEA-CO-9	-47.317	0.029	5	-47.326					
7	IAEA-CO-9	-47.273	0.039	3	-47.032					
1	LSVEC	-46.245	0.460	4	-46.600					
2	LSVEC	-46.501	0.083	5	-46.600					
3	LSVEC	-46.732	0.023	5	-46.600					
4	LSVEC	-46.403	0.054	5	-46.600					
5	LSVEC	-46.626	0.032	5	-46.600					
6	LSVEC	-46.591	0.063	5	-46.600					
7	LSVEC	-46.839	0.120	4	-46.600					
1	NBS 19	1.95	0.030	4	1.95					
2	NBS 19	1.95	0.053	5	1.95					
3	NBS 19	1.95	0.025	5	1.95					
4	NBS 19	1.95	0.007	5	1.95					
5	NBS 19	1.95	0.015	5	1.95					
6	NBS 19	1.95	0.026	5	1.95					
7	NBS 19	1.95	0.038	4	1.95					