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Corrigendum

# Corrigendum to "Effect of growth rate and pH on lithium incorporation in calcite" [Geochim. Cosmochim. Acta 248 (2019) 14–24]

In the original article, Table 1, data reported in columns Log$D^{*}_{Li}$ and Log$D^{*}_{Na}$ are incorrect. This correction does not affect Eq. (7) and does not change the conclusions of the original article. The authors would like to apologize for any inconvenience that this oversight may have caused.

Table 1
Chemical composition of Li and Ca in the reactive fluid at chemical steady-state conditions, pH, estimated growth rate and distribution coefficients of Li and Na in the forming calcite during the experimental runs calculated from both molarities of free ions and total aqueous concentrations.

| Experiment | $Li_{ss}$ (mM) | $Ca_{ss}$ (mM) | Alkalinity (mM) | pH | Log*Rate* | Log$D^{*}_{Li}$ | Log$D^{*}_{Na}$ | Log$D_{Li}$ | Log$D_{Na}$ |
|---|---|---|---|---|---|---|---|---|---|
| 2_30* | 0.35 | 0.99 | 2.7 | 8.27 | −8.1 | −4.3 | −5.4 | −4.3 | −5.1 |
| 2_40* | 0.34 | 1.12 | 2.6 | 8.29 | −8.0 | −4.1 | −5.1 | −4.1 | −5.1 |
| 2_50 | 0.34 | 0.39 | 3.4 | 8.56 | −8.1 | −4.7 | −5.3 | −4.7 | −5.3 |
| 2_60* | 0.35 | 1.35 | 2.3 | 8.23 | −7.8 | −4.1 | −5.2 | −4.1 | −5.2 |
| 2_70* | 0.34 | 1.37 | 2.5 | 8.27 | −7.7 | −4.1 | −5.1 | −4.1 | −5.1 |
| 2_80* | 0.36 | 1.69 | 2.3 | 8.29 | −7.6 | −3.7 | −5.0 | −3.7 | −5.0 |
| 2_90 | 0.35 | 0.78 | 2.6 | 8.40 | −7.6 | −4.1 | −5.1 | −4.1 | −5.1 |
| 2_100* | 0.35 | 1.61 | 2.3 | 8.25 | −7.5 | −3.5 | −4.2 | −3.5 | −4.2 |
| 3_25* | 0.35 | 1.32 | 2.2 | 8.23 | −7.9 | −4.1 | −4.8 | −4.1 | −4.8 |
| 3_30* | 0.35 | 0.89 | 2.6 | 8.35 | −7.9 | −4.3 | −5.3 | −4.3 | −5.3 |
| 3_40* | 0.35 | 1.04 | 2.4 | 8.33 | −7.8 | −4.0 | −5.1 | −4.0 | −5.1 |
| 3_50* | 0.35 | 1.73 | 2.1 | 8.17 | −7.6 | −3.9 | −4.5 | −3.9 | −4.5 |
| 3_60* | 0.34 | 1.30 | 2.3 | 8.30 | −7.5 | −3.9 | −4.9 | −3.8 | −4.9 |
| 3_70* | 0.36 | 1.33 | 2.2 | 8.28 | −7.4 | −3.7 | −4.9 | −3.7 | −5.0 |
| 3_80* | 0.35 | 1.85 | 2.2 | 8.28 | −7.4 | −3.5 | −4.5 | −3.5 | −4.5 |
| 3_100* | 0.35 | 2.11 | 2.2 | 8.34 | −7.3 | −3.2 | −4.6 | −3.2 | −4.6 |
| 5_40* | 0.41 | 1.41 | 2.6 | 8.10 | −7.5 | −3.5 | −4.2 | −3.5 | −4.2 |
| 5_50* | 0.45 | 1.49 | 2.7 | 8.07 | −7.4 | −3.2 | −4.2 | −3.2 | −3.9 |
| 5_60* | 0.44 | 1.49 | 2.6 | 8.13 | −7.3 | −3.3 | −4.1 | −3.3 | −4.1 |
| 5_70* | 0.45 | 1.72 | 2.5 | 8.04 | −7.3 | −3.3 | −4.0 | −3.3 | −4.0 |
| 5_80* | 0.40 | 1.27 | 2.7 | 8.09 | −7.2 | −3.3 | −4.1 | −3.3 | −4.1 |
| 5_90 | 0.50 | 4.55 | 2.2 | 7.87 | −7.2 | −2.9 | −3.7 | −2.9 | −3.7 |
| 5_100* | 0.40 | 2.22 | 2.3 | 7.99 | −7.1 | −3.1 | −4.0 | −3.1 | −4.0 |
| 7_25 | 0.31 | 0.10 | 2.8 | 9.59 | −8.1 | −4.8 | −5.3 | −4.8 | −5.3 |
| 7_50 | 0.31 | 0.11 | 2.8 | 9.43 | −7.8 | −4.6 | −5.3 | −4.6 | −5.3 |
| 7_100 | 0.31 | 0.14 | 2.6 | 9.54 | −7.5 | −4.7 | −5.1 | −4.6 | −5.2 |
| 12_60 | 0.24 | 9.27 | 20.9 | 6.29 | −7.8 | −2.9 | −2.9 | −2.9 | −2.8 |
| 12_70 | 0.26 | 7.47 | 20.6 | 6.34 | −7.7 | −3.0 | −3.1 | −3.0 | −3.0 |
| 12_80 | 0.28 | 12.17 | 21.6 | 6.31 | −7.7 | −3.0 | −3.1 | −2.9 | −3.0 |
| 12_100 | 0.24 | 9.51 | 22.3 | 6.31 | −7.6 | −2.9 | −3.2 | −2.8 | −3.1 |
| 13_60 | 0.24 | 3.17 | 5.7 | 7.41 | −7.7 | −3.3 | −3.7 | −3.2 | −3.7 |
| 13_70 | 0.25 | 3.56 | 5.3 | 7.49 | −7.7 | −3.3 | −3.7 | −3.3 | −3.6 |
| 13_80 | 0.23 | 3.09 | 6.5 | 7.50 | −7.7 | −3.2 | −3.8 | −3.1 | −3.8 |
| 13_100 | 0.24 | 3.10 | 5.4 | 7.44 | −7.7 | −3.3 | −3.8 | −3.3 | −3.7 |

* Indicates samples used in Fig. 4.

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A. Füger — Institute of Applied Geosciences, Graz University of Technology, Rechbauerstrasse 12, 8010 Graz, Austria
JR-AquaConSol GmbH, Steyrergasse 21, 8010 Graz, Austria

F. Konrad — Institute of Applied Geosciences, Graz University of Technology, Rechbauerstrasse 12, 8010 Graz, Austria
Omya GmbH, Gersheim Straße 1-2, 9722 Gummern, Austria

A. Leis — JR-AquaConSol GmbH, Steyrergasse 21, 8010 Graz, Austria

M. Dietzel — Institute of Applied Geosciences, Graz University of Technology, Rechbauerstrasse 12, 8010 Graz, Austria

V. Mavromatis — Institute of Applied Geosciences, Graz University of Technology, Rechbauerstrasse 12, 8010 Graz, Austria
Géosciences Environnement Toulouse (GET), CNRS, UMR 5563, Observatoire Midi-Pyrénées, 14 Avenue Edouard Belin, 31400 Toulouse, France

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