

Assigned Values for Pressed Powder Pellets

MEG-Li.10.15*-P

Assigned Values (Reference Values)

Analyte	Value	95% Confidence Limit	Unit	Method
Li	1606.4	209.6	ppm	A
B	1.6	0.3	g/100g	B

Assigned Values for Major Constituents as Oxides (Information Values)

Analyte	Value	Unit	Method
Al ₂ O ₃	1.57	g/100g	C
CaO	9.84	g/100g	C
Fe ₂ O ₃	0.84	g/100g	C
K ₂ O	1.35	g/100g	C
MgO	7.66	g/100g	C
Na ₂ O	5.30	g/100g	C
SO ₃	1.12	g/100g	C
TiO ₂	0.07	g/100g	C

The assigned values were derived from the original certificate of analysis of the original powder retrieved from <https://www.megllc.net/certificate-of-analysis> on 18.07.2023. The stated reference values are designated as "Provisional" (RSD's between 5 % to 15 %) by the original manufacturer. A coverage factor k = 2 was applied to reach a confidence level of 95 %. In general, information values did not fulfil all necessary statistical criteria of a reference value and should neither be considered for calibration nor validation. Also consider the analytical methods. Please find more background information and estimated values from the original certificate of analysis.

List of analytical methods used as stated in the original certificate of analysis:

- A 4-acid digestion and ICP-AES finish
- B Na₂O₂ fusion and ICP-AES finish
- C 2-acid digestion and ICP-MS finish (Partial Digestion)

Document History

Version	Date	Changes applied
1.0	18.07.2023	First publication

Legal notice

Our order, sales and delivery conditions apply. The valid version of our general terms and conditions (status 01.09.2019) - can be found on our website: <https://www.my-standards.com/terms-and-conditions/>. They are also available on request.

*The original manufacturer (MEG LLC.) is not liable for any issues occurring from the use of this material since they took no part in the manufacturing of the pellets.