

April 2019
Sheet 040

ANALYSIS SHEET

Product

G-LIME[®]

Chemical Analysis (Typical Values)

Calcium Carbonate	CaCO₃	Typically 97.0 %
<i>As Calcium</i>	<i>Ca equivalent</i>	<i>Typically 38%</i>
<i>As Calcium Oxide</i>	<i>CaO equivalent</i>	<i>Typically 54.3%</i>

Reactivity

Total Neutralising Value	TNV	97 % (calculated as CaCO ₃)
Neutralising Value	NV	54.3% (calculated as CaO)

Trace Materials

Acid Insoluble Ash		Less than 5.0%
Lead	Pb	Less than 15 ppm
Arsenic	As	Less than 1 ppm
Fluoride	(as F)	Less than 350 ppm

Physical Analysis

Bulk Density	Approx. 1.1 to 1.3 tonne m ³
Solid Density	2.63 tonne m ³

Granule Properties

Appearance	Pale to dark brown granules
Strength	Greater than 13 N
Moisture Content	Less than 1% as manufactured

Typical Grading (granules)

	% passing sieve size
8.0 mm	Greater than 98.0 %
6.3 mm	Greater than 94%
Less than 2.0 mm	Less than 14%

Typical Grading (particles)

	% passing sieve size
125 µm	Greater than 99.7 %
63 µm	Greater than 70 %

Certificate valid for one year from issue date