

01 December 2022  
Sheet 040

### ANALYSIS SHEET

**Product**

**G-LIME**<sup>®</sup>

#### **Chemical Analysis (Typical Values)**

<b>Calcium Carbonate</b>	<b>CaCO<sub>3</sub></b>	<b>Typically 97.0 %</b>
<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	<b>TNV</b>	97 % (calculated as CaCO <sub>3</sub> )
Neutralising Value	<b>NV</b>	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 <sup>3</sup>
Solid Density	2.63 tonne m <sup>3</sup>

#### **Granule Properties**

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

#### **Typical Grading (granules)**

	<b>% passing sieve size</b>
8.0 mm	Greater than 98.0 %
6.3 mm	Greater than 94%
Less than 2.0 mm	Less than 14%

#### **Typical Grading (particles)**

	<b>% passing sieve size</b>
125 µm	Greater than 99.7 %
63 µm	Greater than 70 %

Certificate valid for one year from issue date