

May 18  
Sheet 040

## ANALYSIS SHEET

### Product

### AGRICULTURAL LIME (AG.LIME)

#### Chemical Analysis (Typical Values)

|                   |                   |                               |
|-------------------|-------------------|-------------------------------|
| Calcium Carbonate | CaCO <sub>3</sub> | Typically greater than 95.0 % |
| Silicon Dioxide   | SiO <sub>2</sub>  | Typically less than 5.0 %     |

|                    |  |                |
|--------------------|--|----------------|
| Acid Insoluble Ash |  | Less than 5.0% |
|--------------------|--|----------------|

|          |        |                   |
|----------|--------|-------------------|
| Lead     | Pb     | Less than 15 ppm  |
| Arsenic  | As     | Less than 1ppm    |
| Fluoride | (as F) | Less than 350 ppm |

#### Physical Analysis

|               |   |
|---------------|---|
| Bulk Density  | Approx 1.1 to 1.5 tonne m <sup>-3</sup> |
| Solid Density | 2.63 tonne m <sup>-3</sup>              |

#### Properties

|            |                                       |
|------------|---------------------------------------|
| Appearance | White to pale brown granular material |
|------------|---------------------------------------|

|               |        |
|---------------|--------|
| Melting Point | 825 °C |
|---------------|--------|

|            |                       |
|------------|-----------------------|
| Solubility | ~1 mg in 100 ml water |
|------------|-----------------------|

|                 |                       |
|-----------------|-----------------------|
| Typical Grading | % by weight undersize |
| 4.0 mm          | > 95.0 %              |

|                           |   |
|---------------------------|---|
| <u>Neutralising Value</u> | <u>53%</u> calculated as Ca O<br><u>~ 97%</u> calculated as CaCO <sub>3</sub> |
|---------------------------|---|

#### Handling Precautions

See Materials Safety Data Sheet - Available on request

Certificate valid for one year from issue date