

## PRODUCT SPECIFICATION

### ICL POTASHPLUS 37% - BRAZIL

| PRODUCT               | GRADE      |
|-----------------------|------------|
| <b>ICL PotashpluS</b> | <b>37%</b> |

| Chemical Analysis                             | Typical Analysis | Guaranteed    |
|---|------------------|---------------|
| Water Soluble Potassium (as K <sub>2</sub> O) | 37.1%            | 37.0% minimum |
| Calcium (as Ca)                               | 5.7%             | 5.5% minimum  |
| Magnesium (as Mg)                             | 1.7%             | 1.5% minimum  |
| Sulphur (as S)                                | 9.2%             | 9.0% minimum  |
| Sulphur in the form of SO <sub>4</sub>        | 9.2%             | 9.0% minimum  |
| Moisture (H <sub>2</sub> O)                   | 0.4%             | 1.0% maximum  |

| Particle size distribution |           |    |                            |
|----------------------------|-----------|----|----------------------------|
| mm                         | Mesh Size |    | Typical Retained Range (%) |
|                            | Tyler     | US |                            |
| 4.75                       | 4         | 4  | 0                          |
| 4.00                       | 5         | 5  | 5 - 17                     |
| 2.00                       | 9         | 10 | 88 – 99                    |
| 1.00                       | 16        | 18 | 99                         |

| Reagent Addition |       |
|------------------|-------|
| Coating Oils     | Added |

| Physical & Chemical properties |                       |
|--------------------------------|-----------------------|
| Bulk Density (typical)         | 1.26 T/m <sup>3</sup> |
| pH                             | Neutral               |

| Trace Elements | Typical     |
|----------------|-------------|
| Arsenic (As)   | < 1.0 mg/kg |
| Cadmium (Cd)   | < 1.0 mg/kg |
| Chromium (Cr)  | < 5.0 mg/kg |
| Mercury (Hg)   | < 0.1 mg/kg |
| Lead (Pb)      | < 5.0 mg/kg |

All chemical analyses are determined according to EC 2003/2003 fertiliser regulation.