

**TECHNICAL SPECIFICATION**

**UBOR 15 FPU**

**Powder**

**CALCINED ULEXITE FINELY PULVERIZED  
SODIUM CALCIUM BORATE ANHYDROUS  
NaCaB<sub>5</sub>O<sub>9</sub>**

**CHEMICAL SPECIFICATION**

<b>Boric Oxide (B<sub>2</sub>O<sub>3</sub> )</b>	<b>46.00 % Expected</b>
Boron ( B )	14.28 % Expected
<b>Boric Oxide (B<sub>2</sub>O<sub>3</sub> )</b>	<b>45.00 % Minimum</b>
Boron ( B )	13.97 % Minimum
	<b>Range (%)</b>
Calcium Oxide (CaO)	15.0 – 20.0
Sodium Oxide (Na <sub>2</sub> O)	12.0 – 15.0
Potassium Oxide (K <sub>2</sub> O)	0.5 - 2.0
Magnesium Oxide (MgO)	1.0 - 3.0
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.1 - 1.0
Silicon Oxide (SiO <sub>2</sub> )	2.0 - 5.0
Chloride (Cl)	5.0 – 10.0
Sulphate (SO <sub>4</sub> )	5.0 - 12.0
Moisture (H <sub>2</sub> O)	0.0 - 1.0

**GRANULOMETRY SPECIFICATION**

A.S.T.M. Sieve N <sup>o</sup>	mm	Retained (%)
120	0.125	2-10
200	0.075	10-20

**BULK DENSITY**

	t/m <sup>3</sup>
Typical Range	0.60 - 0.70

**PACKING**

750 Kg Polypropylene bag with a polyethylene liner  
25 Kg Polypropylene bag with a polyethylene liner.

**ADDITIONAL INFORMATION**

The above specifications are established and guaranteed by the following Inkabor Analytical Methods.

- Volumetric Determination of %B<sub>2</sub>O<sub>3</sub> (ASTM: D4487, NTC 4372)



INKABOR is an active member of the European Borates Association