

## PRODUCT SPECIFICATION SUPALOX O3041b

|         |  |        |         |
|---------|--|--------|---------|
| PRODUCT | High Purity Alumina Slurry, Al <sub>2</sub> O <sub>3</sub> | PURITY | > 99.9% |
|---------|--|--------|---------|

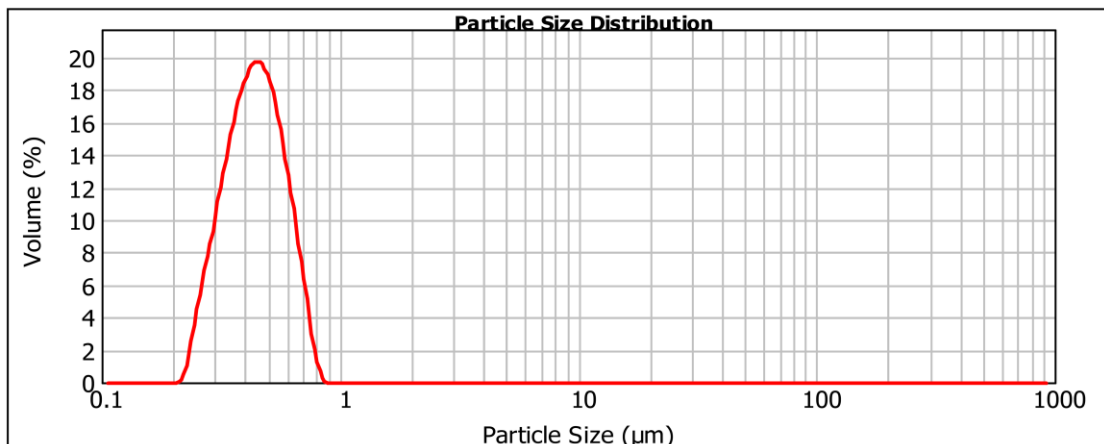
| PARAMETERS                                   | METHOD             | SPECIFICATIONS        |
|--|--------------------|-----------------------|
| <b>PHYSICAL PROPERTIES</b>                   |                    |                       |
| Appearance                                   | Visual inspection  | White Slurry          |
| Al <sub>2</sub> O <sub>3</sub> Crystallinity | XRD                | Alpha-Alumina         |
| Solid PSD                                    | D10                | Laser Diffraction     |
|  | D50                | Laser Diffraction     |
|  | D90                | Laser Diffraction     |
| Solid content*                               | ---                | 70 %                  |
| Slurry Density                               | ---                | 2.1 g/cm <sup>3</sup> |
| pH*  | ---                | 10-12                 |
| Shelf Life                                   | Storage at 5-30 °C | 6 Months              |

\* Can be tailored according request

| <b>CHEMICAL COMPOSITION</b> |        |          |
|-----------------------------|--------|----------|
| Na                          | ICP-MS | <500 ppm |
| Mg                          | ICP-MS | <10 ppm  |
| Si                          | ICP-MS | <20 ppm  |
| K                           | ICP-MS | <5 ppm   |
| Ca                          | ICP-MS | <50 ppm  |
| Fe                          | ICP-MS | <100 ppm |



SUPALOX O4041 is a ball-mill deagglomerated product and formulated from our High Purity Alumina powders. The composition has been developed to provide a suspension of alumina in a nontoxic base.



For technical information, please contact: [info@aemcanada.com](mailto:info@aemcanada.com)

Manufactured with virtually zero CO<sub>2</sub> emission in CANADA