



TIMNA COPPER MINES Ltd

Head Office: Doar-na Eilot 8880200, Israel

Tel: +972-8-6374171/2

Fax: +972-8-6374174

E-mail: timna@timna.co.il

Website: www.timna.co.il

Product Specification

Basic Copper Carbonate



Chemical Analysis

| | |
|--|--------------------|
| CuCO₃·Cu(OH)₂ | 99.5% min |
| Copper | 55.5% min |
| Iron | 150 ppm max |
| Calcium | 350 ppm max |
| Zinc | 400 ppm max |
| Magnesium | 250 ppm max |
| Lead | 80 ppm max |
| Nickel | 100 ppm max |
| Arsenic* | 50 ppm max |
| Mercury* | 0.1 ppm max |
| Cadmium* | 0.5 ppm max |
| Chloride | 500 ppm max |
| HCl Insoluble | 0.02% max |
| Free moisture | 0.5% max |
| MEA Insoluble | 400 ppm max |

*Tested periodically

Size Distribution

| | |
|---------------------|------------------|
| D10 | 30 micron |
| D50 (median) | 50 micron |
| D90 | 90 micron |

Specific Gravity: 4

Apparent Bulk Density: 1.8-2.2

Dotan Yosef
Quality Manager



TIMNA COPPER MINES Ltd.

Revision 07, September, 2018