



TIMNA COPPER MINES Ltd

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Product Specification

Copper Sulphate Pentahydrate

Special Technical Grade

Chemical Analysis

	Guaranteed	Typical
CuSO₄·5H₂O	99.5% min	99.93%
Copper	25.5% min	25.95%
Iron	80 ppm max	60 ppm
Zinc	25 ppm max	20 ppm
Lead	6 ppm max	5 ppm
Nickel	15 ppm max	7 ppm
Cadmium*	0.3 ppm max	0.1 ppm
Mercury*	0.3 ppm max	0.1 ppm
Arsenic*	0.4 ppm max	0.4 ppm
Chlorides	100 ppm max	30 ppm
Free moisture	Nil	Nil
Free acidity	Nil	Nil
Water Insoluble	0.2% max	0.04%
Insoluble in Acid	0.1% max	0.01%

*Tested periodically

Size Distribution (Tyler mesh)

+28 (0.6 mm)	0 – 2%
+48 (0.3 mm)	15 – 35%
+100 (0.15 mm)	30 – 45%
+200 (0.075 mm)	20 – 40%
+325 (0.045 mm)	2 – 7%
<325	0 – 3%

Dotan Yosef
 Quality Manager, TIMNA COPPER MINES Ltd.

