



## TIMNA COPPER MINES Ltd

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## Product Specification

### *Copper Sulphate Pentahydrate*

### Very High Purity

### Chemical Analysis

	Guaranteed	Typical
CuSO <sub>4</sub> ·5H <sub>2</sub> O	99.9% min	99.95%
Copper	25.5% min	26.02%
Iron	25 ppm max	14 ppm
Zinc	5 ppm max	3 ppm
Lead	5 ppm max	2 ppm
Nickel	5 ppm max	1 ppm
Chromium	1 ppm max	0.7 ppm
Cadmium*	0.3 ppm max	0.2 ppm
Mercury*	0.1 ppm max	0.07 ppm
Antimony*	0.3 ppm max	0.04 ppm
Arsenic*	0.4 ppm max	0.1 ppm
Chlorides	10 ppm max	8 ppm
Free moisture	Nil	Nil
Free acidity	Nil	Nil
Water Insoluble	0.1% max	0.021%
Insoluble In Acid	100 ppm max	80 ppm
Not precipitated by Hydrogen Sulphide	0.15% max	0.1%

\*Tested periodically

### Size Distribution (Tyler mesh)

+28 (0.6 mm)	0 – 2%
+48 (0.3 mm)	20 – 35%
+100 (0.15 mm)	25 – 45%
+200 (0.075 mm)	15 – 40%
+325 (0.045 mm)	2 – 10%
<325	1 – 4%

Dotan Yosef  
Quality Manager, TIMNA COPPER MINES Ltd.



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