

Standards

Name
Copper Concentrate (30%)

Standards
ASTM B115 - 10

Chemical composition

ASTM B115- 10 Standard for Copper Concentrate

Standard	Cu	Co	Ca	Mg	Mn	Zn	Fe	Al
Copper Concentrate	≥25	≤5	≤3	≤3	≤8	≤4	≤2	≤5
		Pb	As	Cd	Cr	Hg	S	H ₂ O
		≤6	≤0.25	≤0,05	0,01	≤0.01	≤0.012	≤20

Impurity Adjustment

Impurity Element	Adjustment
Ca+Mg:<6%	No adjustment
6%<Ca+Mg<7%	Reduced by 0.5% for each 1% on a pro rata basis
Ca+Mg>7%	Reduced by 1% for each 1% on a pro rata basis
Mn+Zn<7%	No adjustment
7%<Mn+Zn<9%	Reduced by 0.5% for each 1% on a pro rata basis
Mn+Zn>9%	Reduced by 1% for each 1% on a pro rata basis
Fe<3%	No adjustment
Fe>3%	Reduced by 0.5% for each 1% on a pro rata basis
H ₂ O < 10%	No adjustment
H ₂ O > 10%	Reduced by 0.5% for each 1% on a pro rata basis

CU PRICE PER MT:	<p>THE COPPER-CONTAINING SETTLEMENT VALUE OF COPPER CONCENTRATE =</p> <p>WEIGHT OF COPPER CONCENTRATE x (1 – MOISTURE %) x Cu% GRADE OF COPPER CONCENTRATE x LME COPPER PRICE x VALUATION COEFFICIENT</p> <p>CU PRICE: LME AVERAGE OVER THE QUOTATIONAL PERIOD AND SETTLEMENT PRICES (US\$/TONNE)</p>
AU-CONTAINING:	<p>GOLD-CONTAINING OF COPPER CONCENTRATE: WHEN THE GOLD CONTENT OF COPPER CONCENTRATE IS ≥ xx g/t, THE GOLD PRICE IS SETTLED BY THE DAILY GOLD PRICE ARITHMETIC MEAN AT THE CORRESPONDING SETTLEMENT TIME RELEASED BY LBMA (LONDON BULLION MARKET ASSOCIATION) MULTIPLYING BY THE CORRESPONDING COPPER OXIDE ORE GOLD-CONTAINING VALUATION COEFFICIENTS. WHEN THE GOLD CONTENT OF COPPER CONCENTRATE IS < xx g/t, VALUATION IS DISREGARDED.</p>
AG-CONTAINING:	<p>SILVER-CONTAINING OF COPPER CONCENTRATE: WHEN THE SILVER CONTENT OF COPPER CONCENTRATE IS ≥ 100 g/t, THE SILVER PRICE IS SETTLED BY THE DAILY SILVER PRICE ARITHMETIC MEAN AT THE CORRESPONDING SETTLEMENT TIME RELEASED BY LBMA (LONDON BULLION MARKET ASSOCIATION) MULTIPLYING BY THE CORRESPONDING COPPER OXIDE ORE SILVER-CONTAINING VALUATION COEFFICIENTS. WHEN THE SILVER CONTENT OF COPPER CONCENTRATE IS < 100 g/t, VALUATION IS DISREGARDED.</p>

Notes:

- ✓ Material will be free of radioactivity and pollutants detriments of the refinery process.
- ✓ Copper Concentrate of Min 30% grade
- ✓ Fine Size: 00 mm – 30 mm
- ✓ Packed in 600 kgs, or 1 mt. bags