COBALT POWDER DGC-GRADE
Dissolving Grade Coarse
Indicative Specification Sheet

Cobalt Powder DGC-Grade

Table 1 Chemical Analysis Specifications

Element	Specification wt%	Average wt%[1]	Maximum wt%[1]
Cobalt[2]	99.8 Min	99.92	99.90 Min
Carbon	0.10 Max	0.049	0.065
Copper	0.0015 Max	<0.0001	<0.0002
Iron	0.0035 Max	0.0024	0.0035
Nickel	0.02 Max	0.006	0.010
Sulphur	0.0350 Max	0.0235	0.0323
Zinc	0.0005 Max	<0.0001	<0.0002
Oxygen	--	0.212	0.454

[1] For purposes of determining conformance with these specifications, an observed value shall be rounded "to the nearest unit" in the last right-hand digit used in expressing the specification limit, in accordance with the rounding method of ASTM Practice E29, for Using Significant Digits in Test Data to Determine Conformance with Specifications.
[2] Determined by difference (100% less C, Cu, Fe, Ni, S, and Zn content) For the period from 01-Oct-2018 to 30-Sep-2020.

Table 3 Screen Analysis Specification

Tyler Screen Size	Particle Size µm	Specification wt%
-28 mesh	-600	100.0 Min
-48 mesh	-300	99.0 Min
-200 mesh	-75	35.0 Max
-325 mesh	-45	10.0 Max

Shipped from Canada

Standard Packaging

250 kg net enamel lined steel drum; 7.0 kg drum tare weight
4 drums per 30" x 30" pallet

Table 2.[3] Trace Elements
Oct. 1, 2018 – Sep. 30, 2020

	Average wt%	Maximum wt%
Aluminum	0.0005	0.0006
Antimony	<0.00001	<0.00001
Arsenic	<0.00001	<0.00001
Bismuth	<0.00001	<0.00001
Boron	<0.00007	0.00009
Cadmium	<0.00001	<0.00001
Calcium	<0.0001	<0.0001
Chromium	0.00158	0.00257
Gallium	<0.00001	<0.00001
Indium	<0.00001	<0.00001
Lead	<0.00001	0.00003
Magnesium	0.00004	0.00007
Manganese	<0.00001	<0.00001
Mercury	<0.00002	<0.00002
Molybdenum	0.00004	0.00009
Phosphorus	<0.0005	<0.0005
Selenium	<0.00002	<0.00002
Silicon	<0.0003	<0.0003
Silver	<0.00001	<0.00001
Sodium	<0.0005	<0.0005
Tantalum	<0.00001	<0.00001
Tellurium	<0.00001	0.00001
Thallium	<0.00001	<0.00001
Thorium	<0.00001	<0.00001
Tin	<0.00001	0.00001
Titanium	<0.00001	0.00001
Tungsten	<0.00001	<0.00001
Uranium	<0.00001	<0.00001
Vanadium	<0.00001	0.00001

[3] The above analyses are provided for informational purposes only. A composite consisting of a sample taken from each cobalt briquette lot produced is compiled and analyzed for the listed trace impurities on a monthly basis.

This issue supersedes all previous issues and typical data sheets for the product listed.

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