

Table 3. Count and morphometric parameters of electrodense inclusions in *O. anthropi* DE2010 Cr(III) contaminated cultures.

Sample	Number	Diameter (μm)	Area (μm ²)	Volume (μm ³)	Circularity (arbitrary units)
0 mmol/L	5	0.011 ± 2.45·10 ⁻⁴	3.80·10 ⁻⁴ ± 5.02·10 ⁻⁷	6.95·10 ⁻⁷ ± 1.88·10 ⁻¹¹	0.938 ± 0.006
0.5 mmol/L	6	0.013 ± 3.67·10 ⁻⁴	5.31·10 ⁻⁴ ± 1.13·10 ⁻⁶	1.14·10 ⁻⁶ ± 6.36·10 ⁻¹¹	0.950 ± 0.008
2 mmol/L	8	0.020 ± 0.003 ^{**+}	0.001 ± 1.11·10 ⁻⁴ ^{**+}	4.17·10 ⁻⁶ ± 6.36·10 ⁻⁸ ^{**+}	0.945 ± 0.004
5 mmol/L	20	0.042 ± 0.008 ^{**+\$\$}	0.005 ± 8.04·10 ⁻³ ^{**+\$\$}	3.86·10 ⁻⁵ ± 1.20·10 ⁻⁶ ^{**+\$\$}	0.931 ± 0.010
7 mmol/L	24	0.049 ± 0.007 ^{**+\$\$&&}	0.007 ± 6.15·10 ⁻⁴ ^{**+\$\$&&}	6.14·10 ⁻⁵ ± 8.08·10 ⁻⁷ ^{**+\$\$&&}	0.945 ± 0.007
10 mmol/L	31	0.052 ± 0.009 ^{**+\$\$&&^}	0.008 ± 0.001 ^{**+\$\$&&^}	7.34·10 ⁻⁵ ± 1.71·10 ⁻⁶ ^{**+\$\$&&^}	0.941 ± 0.005

Data are expressed as mean ± standard deviation (SD)

p* <0.05; *p* <0.01: 0.5, 2, 5, 7, and 10 mmol/L treatments vs. control (0 mmol/L)

+*p* <0.05; ++*p* <0.01: 2, 5, 7, and 10 mmol/L treatments vs. 0.5 mmol/L treatment

\$\$*p* <0.01: 5, 7, and 10 mmol/L treatments vs. 2 mmol/L treatment

&&*p* <0.01: 7, and 10 mmol/L treatments vs. 5 mmol/L treatment

^*p* <0.05: 7 treatment mmol/L vs. 10 mmol/L treatment