

# ClearDrops®



## ELEMENTAL IMPURITIES TESTING

### LIMIT AND SPECIFICATION PER ELEMENT

Symbol	Name	FDA Elemental Impurities Limit	Unit	Specification <sup>2</sup>	
1	Al	Aluminum	N/A <sup>1</sup>	ppm	N/A <sup>1</sup>
2	Sb	Antimony	≤ 1,200	ug/erving	USP <232>
3	As	Arsenic	≤ 15	ug/erving	USP <232>
4	Ba	Barium	≤ 1,400	ug/erving	USP <232>
5	Cd	Cadmium	≤ 5	ug/erving	USP <232>
6	Ca	Calcium	N/A <sup>1</sup>	ppm	N/A <sup>1</sup>
7	Cr	Chromium	≤ 11,000	ug/erving	USP <232>
8	Co	Cobalt	≤ 50	ug/erving	USP <232>
9	Cu	Copper	≤ 3,000	ug/erving	USP <232>
10	Au	Gold	≤ 100	ug/erving	USP <232>
11	Ir	Iridium	≤ 100	ug/erving	USP <232>
12	Pb	Lead	≤ 5	ug/erving	USP <232>
13	Li	Lithium	≤ 550	ug/erving	USP <232>
14	Mg	Magnesium	N/A <sup>1</sup>	ppm	N/A <sup>1</sup>
15	Hg	Mercury	≤ 30	ug/erving	USP <232>
16	Mo	Molybdenum	≤ 3,000	ug/erving	USP <232>
17	Ni	Nickel	≤ 200	ug/erving	USP <232>
18	Os	Osmium	≤ 100	ug/erving	USP <232>
19	Pd	Palladium	≤ 100	ug/erving	USP <232>
20	Pt	Platinum	≤ 100	ug/erving	USP <232>
21	K	Potassium	N/A <sup>1</sup>	ppm	N/A <sup>1</sup>
22	Rh	Rhodium	≤ 100	ug/erving	USP <232>
23	Ru	Ruthenium	≤ 100	ug/erving	USP <232>
24	Se	Selenium	≤ 150	ug/erving	USP <232>
25	Ag	Silver	≤ 150	ug/erving	USP <232>
26	Tl	Thallium	≤ 8	ug/erving	USP <232>
27	Sn	Tin	≤ 6,000	ug/erving	USP <232>
28	Ti	Titanium	N/A <sup>1</sup>	ppm	N/A <sup>1</sup>
29	V	Vanadium	≤ 100	ug/erving	USP <232>

### RESULT AND RATIO PER ELEMENT

Lot #B20R6, Exp. 03/2022

Result	Ratio <sup>3</sup>	% Better Than FDA Permitted Limits For PHARMACEUTICAL Products <sup>4</sup>
< 1.0	N/A <sup>1</sup>	N/A <sup>1</sup>
< 150	8.00	800%
< 1.9	7.89	789%
< 180	7.78	778%
< 0.6	8.33	833%
25	N/A <sup>1</sup>	N/A <sup>1</sup>
< 1,400	7.86	786%
< 6	8.33	833%
< 380	7.89	789%
< 13	7.69	769%
< 13	7.69	769%
1.3	3.85	385%
< 69	7.97	797%
< 5.0	N/A <sup>1</sup>	N/A <sup>1</sup>
< 4	7.50	750%
< 380	7.89	789%
< 25	8.00	800%
< 13	7.69	769%
< 13	7.69	769%
< 13	7.69	769%
260	N/A <sup>1</sup>	N/A <sup>1</sup>
< 13	7.69	769%
< 13	7.69	769%
< 19	7.89	789%
< 19	7.89	789%
< 1	8.00	800%
< 750	8.00	800%
< 2.0	N/A <sup>1</sup>	N/A <sup>1</sup>
< 13	7.69	769%

<sup>1</sup> When N/A is present, testing of this element IS NOT MANDATORY for liquid formulations of dietary supplements and pharmaceutical products.

<sup>2</sup> USP <232> is the elemental impurities testing standard for pharmaceutical products. USP <232> is the elemental impurities testing standard for dietary supplement products. Although ZOI ClearDrops is a dietary supplement, ZOI ClearDrops elemental impurities testing is performed using pharmaceutical product specifications according to USP <232>.

<sup>3</sup> Ratio reflects the elemental impurity level of ZOI ClearDrops as compared to FDA acceptable limits for respective element in PHARMACEUTICAL products.

<sup>4</sup> ZOI ClearDrops not only passes FDA acceptable pharmaceutical product elemental impurities limits, but ZOI ClearDrops is several hundred percent better than what FDA permits for pharmaceutical product elemental impurities limits!