

## NAS 1638 CONTAMINATION LIMITS (per 100 ml.)

Size Range Microns	NAS 1638 Classes													
	00	0	1	2	3	4	5	6	7	8	9	10	11	12
5-15	125	250	500	1,000	2,000	4,000	8,000	16,000	32,000	64,000	128,000	256,000	512,000	1,024,000
15-25	22	44	89	178	356	712	1,425	2,850	5,700	11,400	22,800	45,600	91,200	182,400
25-50	4	8	16	32	63	126	253	506	1,012	2,025	4,050	8,100	16,200	32,400
50-100	1	2	3	6	11	22	45	90	180	360	720	1,440	2,880	5,760
>100	0	0	1	1	2	4	8	16	32	64	128	256	512	1,024

1. Obtain particle count values per 100 ml sample.
2. Match each range to qualifying maximum number allowed.
3. Report the highest class number present as the contamination level.