

What is ISO14644-1: 2015

ISO14644-1 is one of the most used standards in Pharma and Electronics controlled environments. ISO 14644-1 specifies classes of air cleanliness in terms of the number of particles expressed as a concentration in air volume

ISO14644-1:2015 Maximum Concentration Limits

Selected airborne particulate cleanliness classes						
ISO 14644-1:2015 Classification Number (N)	Maximum concentration limits (particles/m ³)					
	0.1 µm	0.2 µm	0.3 µm	0.5 µm	1.0 µm	5.0 µm
ISO Class 1	10					
ISO Class 2	100	24	10			
ISO Class 3	1 000	237	102	35		
ISO Class 4	10 000	2 370	1 020	352	83	
ISO Class 5	100 000	23 700	10 200	3 520	832	
ISO Class 6	1 000 000	237 000	102 000	35 200	8 320	298
ISO Class 7				352 000	83 200	2 930
ISO Class 8				3 520 000	832 000	29 300
ISO Class 9				35 200 000	8 320 000	293 000