

ISO 14644-1 Air Particle Report

SAMPLER DATA:

Sampler/Kit ID: 130384
Test Start (dmy): 30.12.2019 16:30:00
Test End (dmy): 16.01.2020 15:00:00
Test Length: 16 days, 22 hours, 30 minutes

SCOPE:

This test shows your test result as a percentage of your ISO 14644-1 Class limit.

TEST RESULT:

The test result is 81.11 % of the ISO 14644-1 Class 8 limit.

ISO 14644-1 Cleanroom Classes:

Class	maximum particles / m ³						FED STD 209E equivalent
	>=0.1 µm	>=0.2 µm	>=0.3 µm	>=0.5 µm	>=1 µm	>=5 µm	
ISO 1	10	2					
ISO 2	100	24	10	4			
ISO 3	1,000	237	102	35	8		Class 1
ISO 4	10,000	2,370	1,020	352	83		Class 10
ISO 5	100,000	23,700	10,200	3,520	832	29	Class 100
ISO 6	1,000,000	237,000	102,000	35,200	8,320	293	Class 1,000
ISO 7				352,000	83,200	2,930	Class 10,000
ISO 8				3,520,000	832,000	29,300	Class 100,000
ISO 9				35,200,000	8,320,000	293,000	Room Air

Information:

ISO 14644-1:2015 is an internationally accepted standard that specifies the classification of air cleanliness in terms of the concentration of airborne particles per cubic meter. ISO 14644-1:2015 cannot be used to characterize the physical, chemical, radiological, viable or other nature of airborne particles.