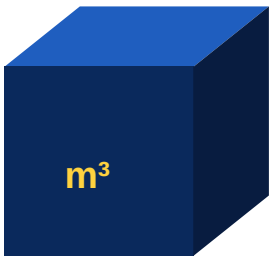
ONE CUBIC METRE

What m³ means

The cubic metre of air in environmental monitoring of pharmaceutical cleanrooms

m³ stands for cubic metre: the volume of air that cleanroom limits for particles and microorganisms refer to. That is why every ONE CUBIC METRE issue carries a number, m³ 00, m³ 01 and so on.



- 1 m³ = 1,000 litres of air
- 1 cubic foot (ft³) = 28.3 litres; 1 m³ ~ 35 ft³
- At 100 L/min it takes 10 minutes to sample 1 m³
- At 28.3 L/min (1 ft³/min) it takes about 35

Grade	>=0.5 µm/m³ at rest	>=0.5 µm/m³ in operation	Air CFU/m³
A	3 520	3 520	no growth
B	3 520	352 000	10
C	352 000	3 520 000	100
D	3 520 000	not predetermined	200

Source: EU GMP Annex 1, C(2022) 5938 final, 22 August 2022, Tables 5 and 6. The official text of the standard is binding.

> Example: 500 litres sampled, 2 CFU counted > 2 × 1,000 ÷ 500 = 4 CFU/m³ > compare with the grade limits > read it in the trend.