



QUALITY TECHNICAL SOLUTIONS

PAP-R-289, Near Golden Garage, Rabale, M.I.D.C, Navi-Mumbai, Thane: 400701
NABL Accredited Calibration Laboratory (CC-3252), ISO 9001:2015 Certified

Certificate

PURPOSE: TO DETERMINE THE AMOUNT OF TIME REQUIRED FOR A CLEAN ROOM TO ACHIEVE SPECIFIED AREA/ROOM CONDITION AFTER CONTAMINATION.

Customer	Cipla Ltd., Unit - VII PD II, Verna, Goa	Date of Test	12.07.2025
Department	Production	Equipment Name	AHU
Type of Test	Area Recovery Test	Equipment Code	GA-224
Area State	At Rest Condition	Frequency of Test	Yearly
Classification of Area	ISO 8 / Grade 'D'		

INSTRUMENT DETAILS

Instrument Used	PARTICLE COUNTER	Serial Number	148629
Make	PMS	Calibrated on	20.09.2024
Model	Lasair III 5100	Calibration Due on	20.09.2025
Flow Rate	100 LPM	Sampling Time	01 Min

OBTAINED TEST RESULT

Room Name / Location No.	Time	PARTICLES		Status Pass / Fail
		0.5 $\mu\text{m}/\text{m}^3$	5.0 $\mu\text{m}/\text{m}^3$	
Coating Day Store / (Location - 06)	12:58:06	51297492	270241	Fail
	13:04:06	1893299	9262	Pass

Acceptance Criteria : Area recovery period should be achieved within 15 mins.

ISO 14644 Airborne Particulate Cleanliness Level Classification			WHO / EC Guideline Airborne Particulate Cleanliness Level Classification		
Maximum Permitted number of Particles/ m^3 equal to or Below			Maximum Permitted number of Particles/ m^3 equal to or Below		
Class	0.5 μm	5.0 μm	Grade	0.5 μm	5.0 μm
ISO 8	3520000	29300	D	3520000	29000

Inference : The Recovery Time to attain specified ISO 8 / Grade 'D' From Worst Case is 06 min.



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OBTAINED TEST RESULT

Room Name / Location No.	Time	PARTICLES		Status Pass / Fail
		0.5 $\mu\text{m}/\text{m}^3$	5.0 $\mu\text{m}/\text{m}^3$	
Inprocess-III / (Location - 09)	13:12:58	46071524	411525	Fail
	13:17:58	2466775	10850	Pass

Acceptance Criteria : Area recovery period should be achieved within 15 mins.

ISO 14644 Airborne Particulate Cleanliness Level Classification			WHO / EC Guideline Airborne Particulate Cleanliness Level Classification		
Maximum Permitted number of Particles/ m^3 equal to or Below			Maximum Permitted number of Particles/ m^3 equal to or Below		
Class	0.5 μm	5.0 μm	Grade	0.5 μm	5.0 μm
ISO 8	3520000	29300	D	3520000	29000

Inference : The Recovery Time to attain specified ISO 8 / Grade 'D' From Worst Case is 05 min.