



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: INSTALLED FILTER SYSTEM LEAKAGE TEST						
Customer	Cipla Ltd., Unit - VII PD II, Verna, Goa		Date of Test	12.07.2025		
Department	Third Service Floor		Equipment Name	AHU		
			Equipment Code	GA-224		
			Frequency of Test	Yearly		
TEST DETAILS						
Filter Under Test	Plenum HEPA		Test Aerosol Used	Poly-alpha olefin		
Filter Grade	EU-13		Lot No. of PAO	249012OP		
			Expiry Date of PAO	06.02.2026		
INSTRUMENT DETAILS						
Instrument Used (1)	Aerosol Photometer		Instrument Used (2)	Aerosol Generator		
Make	TEC Services		Make	Innovius Solutions		
Model	PH-5		Model	ISAG-01		
Serial Number	04011		Serial Number	ISAG010012122		
Flow Rate	28.3 SLPM					
Calibrated on	06.01.2025					
Calibration Due on	06.01.2026					
OBTAINED TEST RESULTS						
Room Name / Area	Filter Code	Upstream PAO Concentration Observed Value microgram / litre or mg/m ³		Upstream PAO Concentration in%	Obtained Results in Downstream (% Leakage)	Test Status (Pass / Fail)
		Before Scanning	After Scanning			
Third Service Floor	GA-224/HF/0.3μ/01/A	15	13	100%	0.0008	Pass
	GA-224/HF/0.3μ/02/A				0.0012	Pass
	GA-224/HF/0.3μ/03/A				0.0006	Pass
	GA-224/HF/0.3μ/04/A				0.0009	Pass
	GA-224/HF/0.3μ/05/A				0.0013	Pass
	GA-224/HF/0.3μ/06/A				0.0010	Pass
Acceptance Criteria : Upstream PAO Concentration should be between 1 to 100 microgram / litre or mg/m ³ . Downstream leakage shall be less than 0.01% of the Upstream challenge aerosol concentration.						
Inference : The HEPA Filter Qualifies the leak test by Cold PAO method.						