



## 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 ACTUAL PARTICLE COUNT LEVEL " AT REST " OCCUPANCY STATE

|                        |  |                   |            |
|------------------------|--|-------------------|------------|
| Customer               | Cipla Ltd., Unit - VII PD II, Verna, Goa | Date of Test      | 12.07.2025 |
| Department             | Production                               | Equipment Name    | AHU        |
| Room Name              | Inprocess-III                            | Equipment Code    | GA-224     |
| Classification of Area | ISO 8 / Grade 'D'                        | Frequency of Test | Yearly     |

#### 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 RESULTS

| Location           | PARTICLES                    |                              |
|--------------------|------------------------------|------------------------------|
|                    | 0.5 $\mu\text{m}/\text{m}^3$ | 5.0 $\mu\text{m}/\text{m}^3$ |
| 1                  | 25569                        | 1812                         |
| 2                  | 22638                        | 1180                         |
| 3                  | 20925                        | 1480                         |
| 4                  | 19232                        | 1270                         |
| 5                  | 19288                        | 1120                         |
| 6                  | 26441                        | 1040                         |
| 7                  | 30037                        | 1950                         |
| 8                  | 25776                        | 2040                         |
| 9                  | 32074                        | 3511                         |
| 10                 | 29087                        | 1450                         |
| 11                 | 19749                        | 1070                         |
| 12                 | 17529                        | 790                          |
| 13                 | 25799                        | 2250                         |
| 14                 | 20210                        | 1160                         |
| 15                 | 28629                        | 2450                         |
| 16                 | 22857                        | 1660                         |
| Average            | 24115                        | 1640                         |
| Standard Deviation | 4438                         | 690                          |

#### Acceptance Criteria:

| ISO 14644 Airborne Particulate Cleanliness Level Classification       |                   |                   | WHO / EC Guideline Airborne Particulate Cleanliness Level Classification |                   |                   |
|---|-------------------|-------------------|--|-------------------|-------------------|
| Maximum Permitted number of Particles/ $\text{m}^3$ equal to or Below |                   |                   | Maximum Permitted number of Particles/ $\text{m}^3$ equal to or Below    |                   |                   |
| Class   | 0.5 $\mu\text{m}$ | 5.0 $\mu\text{m}$ | Grade  | 0.5 $\mu\text{m}$ | 5.0 $\mu\text{m}$ |
| ISO 8   | 3520000           | 29300             | D  | 3520000           | 29000             |

**Inference :** The above specified room confirms to Particle Count Test At Rest Occupancy state as per ISO 14644, WHO/ EC Guideline.



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|                               |  |                          |            |
|-------------------------------|--|--------------------------|------------|
| <b>Customer</b>               | Cipla Ltd., Unit - VII PD II, Verna, Goa | <b>Date of Test</b>      | 12.07.2025 |
| <b>Department</b>             | Production                               | <b>Equipment Name</b>    | AHU        |
| <b>Room Name</b>              | Coating Day Store                        | <b>Equipment Code</b>    | GA-224     |
| <b>Classification of Area</b> | ISO 8 / Grade 'D'                        | <b>Frequency of Test</b> | Yearly     |

### INSTRUMENT DETAILS

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

### OBTAINED TEST RESULTS

| Location                  | PARTICLES                    |                              |
|---------------------------|------------------------------|------------------------------|
|                           | 0.5 $\mu\text{m}/\text{m}^3$ | 5.0 $\mu\text{m}/\text{m}^3$ |
| 1                         | 28638                        | 2820                         |
| 2                         | 24801                        | 1890                         |
| 3                         | 21347                        | 1890                         |
| 4                         | 19116                        | 1460                         |
| 5                         | 23543                        | 2180                         |
| 6                         | 30553                        | 4170                         |
| 7                         | 22129                        | 1960                         |
| 8                         | 17406                        | 550                          |
| 9                         | 20651                        | 1890                         |
| 10                        | 23879                        | 2490                         |
| <b>Average</b>            | 23206                        | 2130                         |
| <b>Standard Deviation</b> | 4057                         | 938                          |

### Acceptance Criteria:

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