



# CERTIFICATE OF ANALYSIS

|                                      |                     |                                      |                     |
|--------------------------------------|---------------------|--------------------------------------|---------------------|
| <b>FORMAT ID:</b><br>BPS-FMT-COA-003 | <b>REVISION:</b> 00 | <b>EFFECTIVE DATE:</b><br>24.10.2025 | <b>PAGE:</b> 1 of 2 |
|--------------------------------------|---------------------|--------------------------------------|---------------------|

## 01 Certificate and Product Details

|                              |                                     |                              |                                                     |
|------------------------------|-------------------------------------|------------------------------|-----------------------------------------------------|
| <b>Certificate no.</b>       | 1251010085                          | <b>Certificate date</b>      | 24.10.2025                                          |
| <b>Item code</b>             | BPS-BDU-1KG-2510-D                  | <b>Item name</b>             | BENZPACK BEDRY<br>ULTRA Container<br>Desiccant 1 Kg |
| <b>Batch / lot no.</b>       | BDU1K-1025-D09                      | <b>Batch quantity</b>        | 3,940 UNITS                                         |
| <b>Standard size / gauge</b> | 1 Kg Unit                           | <b>Date of manufacturing</b> | 16 October 2025                                     |
| <b>Best before</b>           | 15 October 2027                     | <b>Date of test</b>          | 23 October 2025                                     |
| <b>Customer name</b>         | Eastern Heavy<br>Engineering OEM    | <b>Customer PO no.</b>       | EHE/2510/PO-402                                     |
| <b>Invoice no.</b>           | BPS/25-26/1746                      | <b>Quantity shipped</b>      | 3,420 UNITS                                         |
| <b>Specification ref.</b>    | BENZPACK BEDRY<br>ULTRA TDS Rev. 01 | <b>Customer item code</b>    | EHE-BDU1K                                           |

**Release statement:** The material identified above has been sampled and evaluated against the approved BENZ product specification and released for dispatch where the reported results conform to the stated limits.

## 02 Inspection and Test Results

| Test parameter                | Protocol  | Unit        | Min. value | Max. value | Test value |
|-------------------------------|-----------|-------------|------------|------------|------------|
| Net Unit Weight (Avg.)        | BPS-QA-83 | g           | 970        | 1030       | 1018       |
| Calcium Chloride Purity       | BPS-QA-95 | %           | 90         | 100        | 96.0       |
| Bulk Density                  | BPS-QA-96 | kg/m3       | 500        | 800        | 668        |
| Moisture Absorption - 15 Days | BPS-QA-88 | % w/w       | 90         | 110        | 103        |
| Moisture Absorption - 30 Days | BPS-QA-88 | % w/w       | 140        | 170        | 161        |
| Moisture Absorption - 45 Days | BPS-QA-88 | % w/w       | 200        | 235        | 228        |
| Long-Term Moisture Absorption | BPS-QA-88 | % w/w       | 250        | 300        | 279        |
| Gel Formation Test            | BPS-QA-97 | Visual      | Conforms   | NA         | Conforms   |
| Gel Retention Test            | BPS-QA-89 | Pass / Fail | Pass       | NA         | Pass       |
| Leakage Test                  | BPS-QA-90 | Pass / Fail | Pass       | NA         | Pass       |

|                                 |           |             |          |    |           |
|---------------------------------|-----------|-------------|----------|----|-----------|
| Sachet / Unit Integrity         | BPS-QA-91 | Pass / Fail | Pass     | NA | Pass      |
| Vapour Permeability Check       | BPS-QA-93 | Pass / Fail | Pass     | NA | Pass      |
| Appearance / Physical Condition | BPS-QA-94 | Visual      | Conforms | NA | Conforms  |
| Shelf Life                      | BPS-QA-51 | Months      | 24       | NA | 24 Months |

**03 Confirmation and Shipping Data**

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Confirmation</b>     | We hereby confirm that the material under this certificate conforms to our manufacturing specification.                     |
| <b>Status</b>           | YES conforms to our manufacturing specification                                                                             |
| <b>Deviation option</b> | Does not conform, but accepted against approved deviation / validation, if specifically authorised.                         |
| <b>TDS declaration</b>  | It is further confirmed that the product conforms to the current published technical data sheet and approved specification. |

**Shipping data**

|                           |                               |
|---------------------------|-------------------------------|
| <b>Customer name</b>      | Eastern Heavy Engineering OEM |
| <b>Ship to name</b>       | Chakan, Maharashtra           |
| <b>Customer PO number</b> | EHE/2510/PO-402               |
| <b>Customer item code</b> | EHE-BDU1K                     |
| <b>Invoice no.</b>        | BPS/25-26/1746                |
| <b>Quantity shipped</b>   | 3,420 UNITS                   |

*Certificate note: This COA is system generated by BENZ Packaging Solutions Pvt. Ltd. and is valid without signature, unless customer or regulatory requirements specify authorised sign-off.*