



CERTIFICATE OF ANALYSIS

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01 Certificate and Product Details

Certificate no.	1230109548	Certificate date	19.01.2023
Item code	BPS-BDU-1KG-2301-A	Item name	BENZPACK BEDRY ULTRA Container Desiccant 1 Kg
Batch / lot no.	BDU1K-0123-A05	Batch quantity	3,190 UNITS
Standard size / gauge	1 Kg Unit	Date of manufacturing	12 January 2023
Best before	11 January 2025	Date of test	18 January 2023
Customer name	Northern Precision OEM	Customer PO no.	NPO/2301/PO-104
Invoice no.	BPS/23-24/0331	Quantity shipped	2,860 UNITS
Specification ref.	BENZPACK BEDRY ULTRA TDS Rev. 01	Customer item code	NPO-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	997
Calcium Chloride Purity	BPS-QA-95	%	90	100	93.6
Bulk Density	BPS-QA-96	kg/m3	500	800	626
Moisture Absorption - 15 Days	BPS-QA-88	% w/w	90	110	95
Moisture Absorption - 30 Days	BPS-QA-88	% w/w	140	170	148
Moisture Absorption - 45 Days	BPS-QA-88	% w/w	200	235	210
Long-Term Moisture Absorption	BPS-QA-88	% w/w	250	300	259
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

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

Shipping data

Customer name	Northern Precision OEM
Ship to name	Pantnagar, Uttarakhand
Customer PO number	NPO/2301/PO-104
Customer item code	NPO-BDU1K
Invoice no.	BPS/23-24/0331
Quantity shipped	2,860 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.