BENZ PACKAGING

CERTIFICATE OF ANALYSIS

FORMAT ID: BPS-FMT-COA-003	REVISION: 00	EFFECTIVE DATE: 20.01.2023	PAGE: 1 of 2

01 Certificate and Product Details

Certificate no.	1230109658	**Certificate date**	20.01.2023
Item code	BPS-CD-50G-2301-A	**Item name**	BENZPACK CDRY Desiccant 50 g
Batch / lot no.	CD50G-0123-A04	**Batch quantity**	7,820 UNITS
Standard size / gauge	50 g Unit	**Date of manufacturing**	13 January 2023
Best before	12 January 2025	**Date of test**	19 January 2023
Customer name	Northern Precision OEM	**Customer PO no.**	NPO/2301/PO-124
Invoice no.	BPS/23-24/0340	**Quantity shipped**	7,060 UNITS
Specification ref.	BENZPACK CDRY Desiccant TDS Rev. 01	**Customer item code**	NPO-CD50

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 Fill Weight (Avg.)	BPS-QA-83	g	47.5	52.5	49.8
Water-Vapour Uptake at 20% RH	BPS-QA-98	g / Desiccant Unit	3.0	4.5	3.2
Water-Vapour Uptake at 40% RH	BPS-QA-98	g / Desiccant Unit	6.0	8.0	6.2
Adsorption Capacity at 20% RH	BPS-QA-88	% w/w	10	14	11.5
Adsorption Capacity at 50% RH	BPS-QA-88	% w/w	16	21	17.7
Adsorption Capacity at 75% RH	BPS-QA-88	% w/w	25	32	27.5
Adsorption Capacity at 95% RH	BPS-QA-88	% w/w	45	55	49.1
Form After Saturation	BPS-QA-99	Visual	Solid	NA	Solid
Liquefaction / Swelling Check	BPS-QA-99	Pass / Fail	Pass	NA	Pass

BENZ PACKAGING SOLUTIONS (P) LTD.
83, Sector 5, IMT Manesar, Gurugram
122050, Haryana, India

+91 124 4184896 | +91 9899144488
www.benz-packaging.com |
info@benz-packaging.com

Dust Generation	BPS-QA-100	Visual	Non-dusting	NA	Non-dusting
Sachet Leakage Test	BPS-QA-90	Pass / Fail	Pass	NA	Pass
Sachet Integrity Test	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	Neemrana, Rajasthan
Customer PO number	NPO/2301/PO-124
Customer item code	NPO-CD50
Invoice no.	BPS/23-24/0340
Quantity shipped	7,060 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.