BENZ PACKAGING

CERTIFICATE OF ANALYSIS

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01 Certificate and Product Details

Certificate no.	1220109531	**Certificate date**	19.01.2022
Item code	BPS-CD-50G-2201-A	**Item name**	BENZPACK CDRY Desiccant 50 g
Batch / lot no.	CD50G-0122-A03	**Batch quantity**	7,680 UNITS
Standard size / gauge	50 g Unit	**Date of manufacturing**	12 January 2022
Best before	11 January 2024	**Date of test**	18 January 2022
Customer name	Northern Precision OEM	**Customer PO no.**	NPO/2201/PO-112
Invoice no.	BPS/21-22/1186	**Quantity shipped**	6,920 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	49.7
Water-Vapour Uptake at 20% RH	BPS-QA-98	g / Desiccant Unit	3.0	4.5	3.1
Water-Vapour Uptake at 40% RH	BPS-QA-98	g / Desiccant Unit	6.0	8.0	6.1
Adsorption Capacity at 20% RH	BPS-QA-88	% w/w	10	14	11.3
Adsorption Capacity at 50% RH	BPS-QA-88	% w/w	16	21	17.5
Adsorption Capacity at 75% RH	BPS-QA-88	% w/w	25	32	27.2
Adsorption Capacity at 95% RH	BPS-QA-88	% w/w	45	55	48.5
Form After Saturation	BPS-QA-99	Visual	Solid	NA	Solid
Liquefaction / Swelling Check	BPS-QA-99	Pass / Fail	Pass	NA	Pass

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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	Pithampur, Madhya Pradesh
Customer PO number	NPO/2201/PO-112
Customer item code	NPO-CD50
Invoice no.	BPS/21-22/1186
Quantity shipped	6,920 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.