

**Universal Packaging Company (Pvt) Ltd****Certificate Of Analysis**

REC-QA-34-22

Effective Date
12/12/2022

Rev:0

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Customer Name:	UNILEVER	Job Name:	KNORR CGS 400G
Job card #:	23030197	Structure:	PET (10μ) + FOIL (07μ)+ PET (10μ) + LDPE NYLON (142μ)
Dispatched Date:	10-Jul-23	Production Date:	12/May/23
Best Before:	6 Months	Sampling Plan:	SOP-QA-11-19
Dispatch Quantity:	878.90	Vehicle Number:	TLX 489

S.NO	Parameters	Standard	Test method	Unit	Results
1	Width	471-473	ISO-4592	mm	472
2	Repeat length	154-156	Internal	mm	155
3	Grammage	171.5-212.5	ASTM-D3776	g/m ²	191.1
4	Thickness	160-196	ASTM-F2251	μm	177
5	Lamination Strength A to B	N\A	ASTM F904-98	gf/25mm	N/Open
6	Lamination Strength B to C	N\A	ASTM F904-98	gf/25mm	N/Open
7	Lamination Strength C to D	N\A	ASTM F904-98	gf/25mm	1018
8	Moisture Permeability	0.074	ASTM-E398	g/m ² /day	0.048
9	Seal Strength	N\A	ASTM-F88	gf/25mm	13697
10	Coef of Fr. Dynamic Face/Face	N\A	ASTM-D1894	Value	0.196
11	Coef of Fr. Static Face/Face	N\A	ASTM-D1894	Value	0.246
12	Coef of Fr. Dynamic Reverse/Reverse	N\A	ASTM-D1894	Value	0.166
13	Coef of Fr. Static Reverse/Reverse	N\A	ASTM-D1894	Value	0.227
14	Print Quality	N\A	Visual Test	N/A	Ok

Remarks: Storage condition, Temperature should be below 30°C & 50% humidity.

Note: System generated document signature donot required.

Universal Packaging Company(pvt) Ltd. Plot No : GA-65-66-A4-A5, Korangi Creek National Industrial park, Korangi Town Karachi,Pakistan