



## 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:	9G CGS SACHET SHUBHAM 12 LANE
Job card #:	22100045	Structure:	PET (12μ) + M.PET (12μ) + LDPE (40μ)
Dispatched Date:	20-May-23	Production Date:	17-May-23
Best Before:	6 Months	Sampling Plan:	SOP-QA-11-19
Dispatch Quantity:	1065.51 Kg	Vehicle Number:	JV-7216

S.NO	Parameters	Standard	Test method	Unit	Results
1	Width	1151 - 1153	ISO-4592	mm	1152
2	Repeat length	79 - 81	Internal	mm	80
3	Grammage	76.6 - 92	ASTM-D3776	g/m <sup>2</sup>	78.4
4	Thickness	73.7 - 90.3	ASTM-F2251	μm	75-83
5	Lamination Strength A to B	N\A	ASTM F904-98	gf/25mm	331
6	Lamination Strength B to C	N\A	ASTM F904-98	gf/25mm	361
7	Seal Strength	N\A	ASTM-F88	gf/25mm	6272
8	Coef of Fr. Dynamic Face/Face	N\A	ASTM-D1894	Value	0.297
9	Coef of Fr. Static Face/Face	N\A	ASTM-D1894	Value	0.306
10	Coef of Fr. Dynamic Reverse/Reverse	N\A	ASTM-D1894	Value	0.13
11	Coef of Fr. Static Reverse/Reverse	N\A	ASTM-D1894	Value	0.141

**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