

**Test Method: EN14683:2019 Annex C Method for determination of breathability (differential pressure)**
**IBR JN: 23834C**

Performed for: Brilliance Air

Location: Rialto, CA

Date: 10 February 2021

Contact: Kelly Neagle

**Description of Samples: Brilliance Air, Disposable, Flat-fold facemask, FM3P-10Pk, MFR:FEB2021  
UVC SANITIZED MADE IN USA**


 Source: Brilliance Air-Rialto, CA  
 Date Samples Received: 05 February 2021

 Fluid: Air  
 Flow Rate: 8 lpm  
 Effective Area: 4.9 cm<sup>2</sup>

Filter ID	Measurement Area	Differential Pressure (mmH <sub>2</sub> O)	Mean Differential Pressure (mmH <sub>2</sub> O)	Mean Differential Pressure / Area (mmH <sub>2</sub> O/cm <sup>2</sup> )	
23834-6	1	14.2	15.1	3.1	Temp: 21.7 °C RH: 44.5 % BP: 743.4 mmHg
	2	15.3			
	3	14.4			
	4	16.5			
	5	15.0			
23834-7	1	15.5	16.6	3.4	Temp: 21.7 °C RH: 43.8 % BP: 743.4 mmHg
	2	18.3			
	3	15.2			
	4	18.3			
	5	15.5			
23834-8	1	14.2	15.1	3.1	Temp: 21.7 °C RH: 45.5 % BP: 743.4 mmHg
	2	16.9			
	3	14.3			
	4	15.9			
	5	14.0			
23834-9	1	17.6	15.7	3.2	Temp: 21.7 °C RH: 43.3 % BP: 743.4 mmHg
	2	15.6			
	3	15.5			
	4	15.6			
	5	14.4			
23834-10	1	14.7	15.8	3.2	Temp: 21.7 °C RH: 42.9 % BP: 743.4 mmHg
	2	16.7			
	3	14.3			
	4	16.2			
	5	17.3			

 Notice: These data relate only to the samples tested. This report may be copied only in its entirety.  
 Performed By: LA Data Location: SRO210208

Description	IBR ID	Manufacturer	Model No.	Serial No.	Range of Use	Cal Due
Flow Meter	AF-112	Alicat Scientific	M20SLPM-D/5M	99928	0.1-20 SLPM	8/27/2021
Differential Pressure	MAN-65	Dwyer	477B-1	014M0B	0.1-20.0 inH <sub>2</sub> O	11/23/2021
Temp / Humidity	RH-206	Vaisala	HMT330	L5220038	12-75%RH/16-27C	1/12/2022
Barometric Pressure	MAN-51	Testo	511	39111389/505	300-1200 hPa	8/31/2021

 Reviewed By:   
 Daniel R. Miller, Air Labs Manager

Revision	Editorial / Technical	Description	Approved By	Release Date
		Initial Release	DRM	2/11/2021