

Report of the Requested Test

1. Test Client

- Manufacture : BrainDrop Co., Ltd.
- Address : Room 1106, Bando Ivy Valley, 166 Yeongsin-ro, Yeongdeungpo-gu, Seoul, South Korea

2. Product : TNF Air-Pouch (Paper)

3. Request date and number : May 8, 2026 / No. 2601596

4. Test Results

Items		Standards	Results			Remarks
			1	2	3	
Flammability (45° Combustion Test)	After flame time	Less than 3 s	0.0 s	0.0 s	0.0 s	
	After glow time	Less than 5 s	0.0 s	0.0 s	0.0 s	
	Char area	Less than 30 cm ²	28.7 cm ²	27.0 cm ²	26.5 cm ²	
	Char length	Less than 20 cm	7.7 cm	7.5 cm	7.3 cm	
	Flame contact frequency	More than 3 times		-		

Use of Report : Self-references.

Test Conditions : Temperature (20.0 ± 15.0) °C, Humidity (50 ± 30) % R.H.

Test Methods : Standard of flame retardant performance(National Fire Agency Notice No. 2022-29) Article 6.

5. Test Person in charge : Testing & Certification 1 Dept. Chae, Ji Won

Note 1. This is to certify that the tested sample has been requested by the above mentioned manufacturer.

2. This result cannot be used for the advertisement, administrative litigation & law suit etc.

3. This report is valid for one year from the date of original report issued.

4. This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

Date : May 11, 2026

President : **KIM CHANG JIN**

Korea Fire Institute