

AngelGuard

GHB Drug Test Sticker

Product overview

SHINE B Co.,Ltd.



What is GHB?

Gamma-Hydroxybutyrate



A drug used for drink-spiking

GHB, also known as “liquid ecstasy” or a “date rape drug,” is a **central nervous system depressant**.

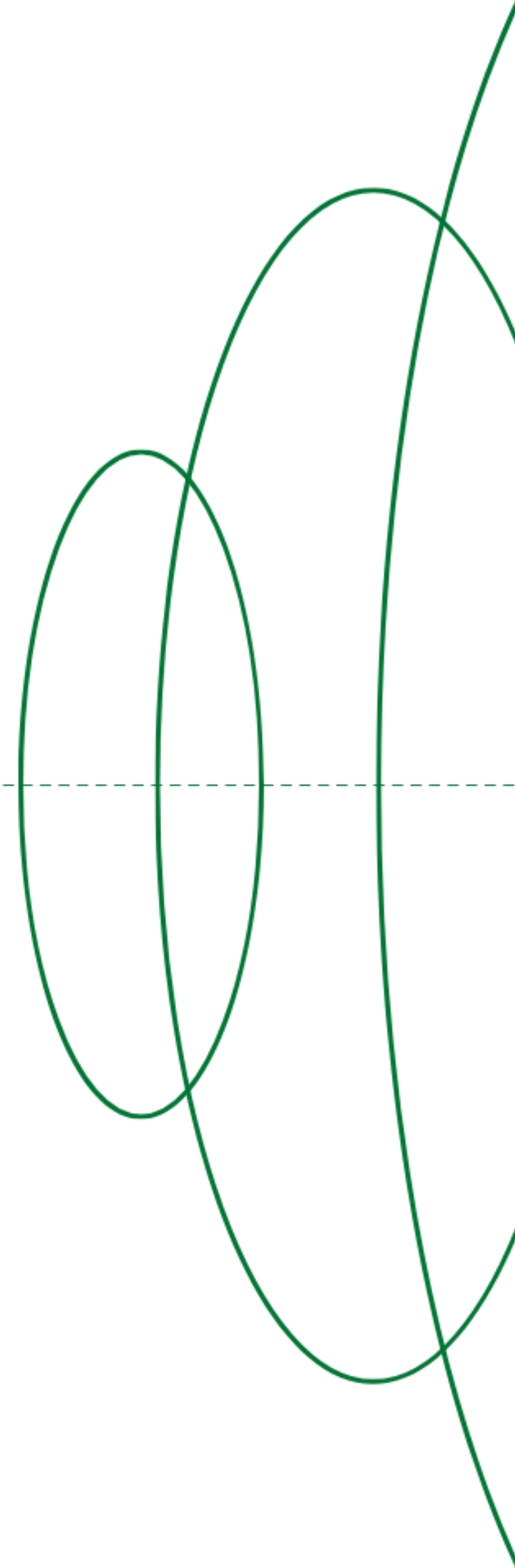
It is nearly **colorless, odorless, and tasteless**, making it difficult for victims to detect when mixed into alcoholic drinks or beverages.

Because of this, it is often misused in crimes.

After ingestion, symptoms such as **drowsiness, dizziness, loss of balance, and memory impairment** can appear within **15–30 minutes**, and the effects may last for **3–6 hours**.

When combined with alcohol, the risks are even more severe, potentially causing **respiratory depression, loss of consciousness, and other life-threatening effects**.

In recent years, related crimes have been increasing both domestically and internationally.



Background for Development



Increase in Crimes Using Colorless, Odorless Drugs

- Rapid rise in drug-facilitated sexual assault using GHB
- Very difficult for victims to detect in advance
 - Especially hard to check in drinking situations
- Difficult to secure evidence after a crime occurs



Growing Consumer Anxiety

- Anxiety at clubs, bars, parties, and social gatherings
- Increased vulnerability in late-night or travel situations
- Greater exposure to risks due to widespread drinking culture
 - Heightened social anxiety especially among younger generations



Limitations of Existing Solutions

- Lack of easy-to-use detection tools
- Complexity and limited accessibility of existing test methods
 - Difficulty of real-time testing
 - Absence of portable and convenient solutions

Product Introduction_Our Solution



The World's First Nail Art-Type GHB Detection Sticker

- Innovative design that attaches to the nail
- A safety device disguised as a fashion item
 - Applied with patented GHB reaction technology
 - Natural and stylish design



Simple Test with Just One Drop of a Drink

- Detectable with only a single drop of beverage
- Instant results within 1 minute
 - Clear results indicated by color change
 - Easy-to-use and user-friendly test method



Providing Both Portability and Fashion

- Similar appearance to regular nail stickers
- Naturally wearable in any situation
- Compact size for easy portability
- Can be used as a fashion item with various designs

Product Detail_AngelGuard



10-Test Sticker Sheet

- One sheet contains a total of 10 stickers
- Can be used in various situations
 - Individually packaged for hygienic storage
 - Long shelf life (3 years)

Package Design

- Provided in 2 different package designs
- Portable and easy-to-store structure
- Includes user instructions

Product Specifications & Design

- 1 sheet size: 6 × 8 cm / pc
- Available in 4 different designs
- Compact size for easy portability (fits in wallets, purses, and small bags)
- Natural nail art sticker patterns
- Can also be used as a daily fashion item

How to Use

If GHB is detected, half of the sticker changes to green



Negative

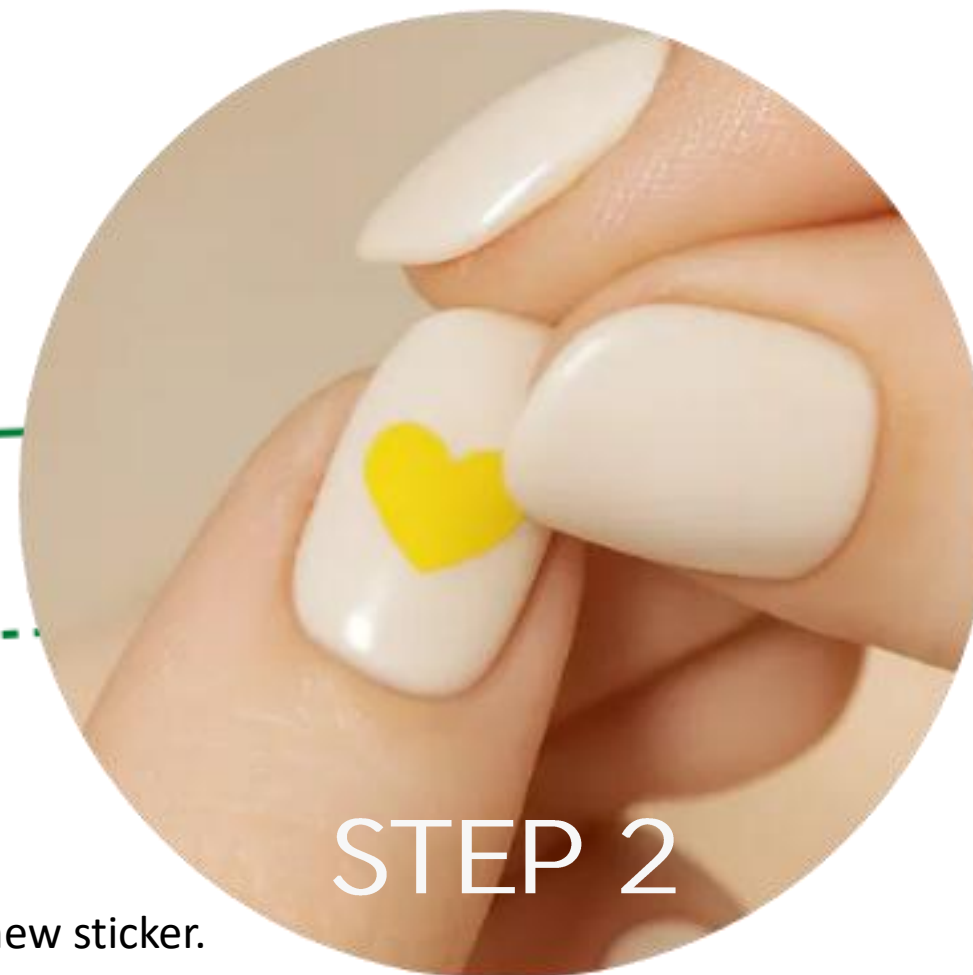


Positive



STEP 1

Clean and dry your nail
surface



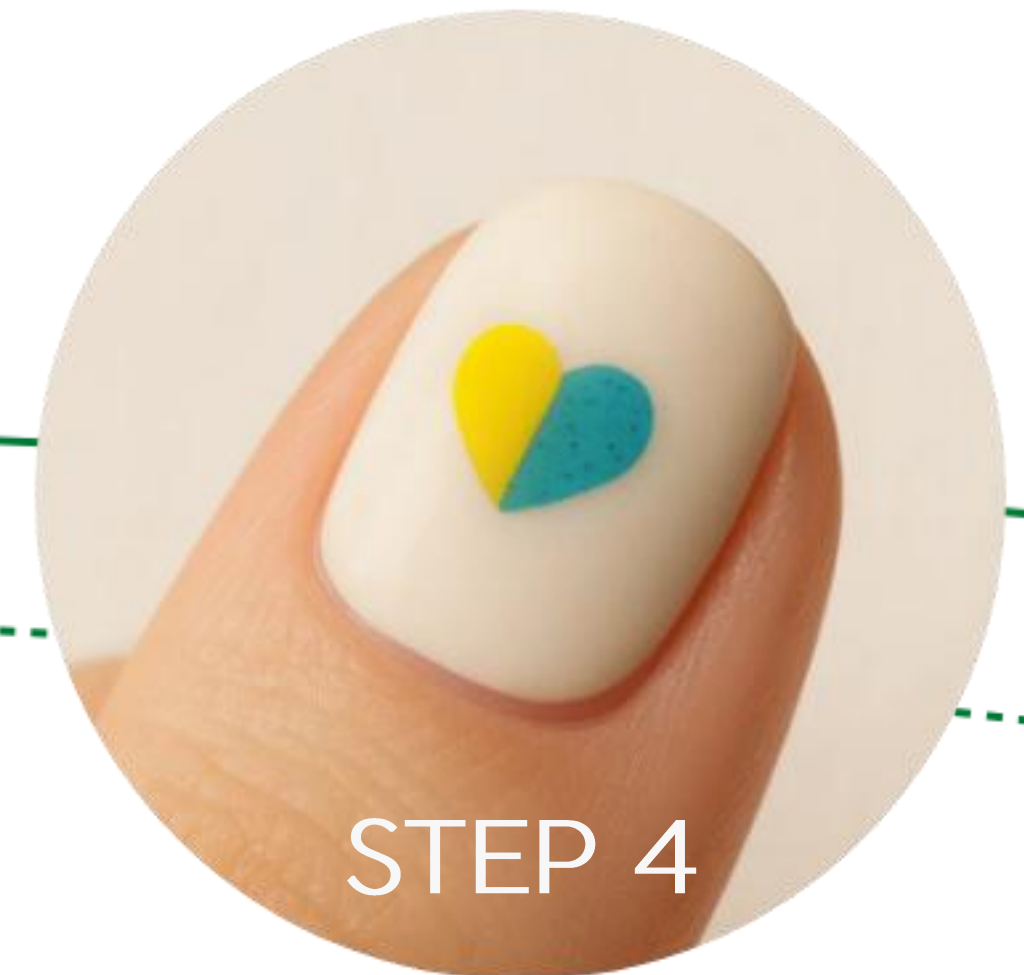
STEP 2

Peel off the sticker and
apply it to your nail.



STEP 3

Place one drop of the drink
onto the sticker
and wait for 1 minute



STEP 4

Wipe off the drink and
check for any color change.

This product is for one-time use only. For testing another drink, please use a new sticker.

Note: This product is for one-time use only. For testing another drink, please use a new sticker.

AngelGuard – The World’s First Nail Art-Type GHB Detection Sticker

1. Product Overview

AngelGuard is the world’s first GHB detection solution designed in the form of a **nail art sticker**, unlike conventional kit- or stick-type products. It can detect GHB (commonly known as “liquid ecstasy”) mixed into drinks **within 1 minute through a visible color change (to green)**. It adheres naturally to the nail, allowing users to wear it seamlessly as a **fashion item**..

2. Market Potential

Global drug abuse testing market: from **\$5.9 billion in 2022** → **\$18.7 billion by 2031** (CAGR 13.5%)

Rapidly increasing demand for **easy-to-use products applicable in daily consumer environments** such as clubs, bars, and parties

Regulatory reinforcement (e.g., **California, USA – mandatory installation of drug detection kits in certain licensed venues starting July 2024**)

→ opportunity for B2B channel expansion

3. Key Differentiators of AngelGuard

* Conventional Products

- limited portability - Mostly kit- or stick-type
- Inconvenient to use – need to extract beverage samples separately
- **Difficult to test discreetly without being noticed by others**
- Mainly for professional or venue-based use

* AngelGuard:

- Nail sticker type → provides both **portability and fashionability**
- Easy to use → one drop of beverage, results in 1 minute
- Can test directly on the nail → **discreet and natural use without attracting attention**
- Applicable for both **consumer daily use and business markets**

4. Future Prospects

AngelGuard proposes a new value of **“Safety in Style”** in response to GHB-related crimes.

As an innovative solution that overcomes the limitations of existing products and **protects consumer safety in daily life**, AngelGuard is expected to secure strong competitiveness in the global market.



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OFFER SHEET

We are pleased to offer the under-mentioned goods as per conditions and details described as follows:

Ref.#	Item / Subject	Size(cm)/Spec.	OEM/ODM MOQ /Target Q'ty	FOB KOREA Completed Product Price/USD	Retail Price /USD	Picture
69677	AngelGuard GHB Drug Test Sticker- GE_Heart	<Sticker Product> Sticker Sheet Size : 6*8(30)cm opp bag/pc/bulk + 'How to use' guide 10test (1sheet=10uses stickers) <Packaging> Package card Size : 6.7*14cm Window package type Art paper 300, Hologram Logo, Matt finish 2version designs(selectable) (Green, Blue) Products can only be supplied with packaging, not in bulk	Q'ty : 5,000pcs (MOQ 5K)	9.30	The Retail Price is Fixed at USD17.90/pc	
69678	AngelGuard GHB Drug Test Sticker- GE_Star			9.30		
69679	AngelGuard GHB Drug Test Sticker- BE_Ribbon			9.30		
69680	AngelGuard GHB Drug Test Sticker- BE_Flower			9.30		
69677	AngelGuard GHB Drug Test Sticker- GE_Heart		Q'ty : 10,000pcs	7.90		
69678	AngelGuard GHB Drug Test Sticker- GE_Star			7.90		
69679	AngelGuard GHB Drug Test Sticker- BE_Ribbon			7.90		
69680	AngelGuard GHB Drug Test Sticker- BE_Flower			7.90		
69677	AngelGuard GHB Drug Test Sticker- GE_Heart		Q'ty : 20,000pcs	6.40		
69678	AngelGuard GHB Drug Test Sticker- GE_Star			6.40		
69679	AngelGuard GHB Drug Test Sticker- BE_Ribbon			6.40		
69680	AngelGuard GHB Drug Test Sticker- BE_Flower			6.40		
69677	AngelGuard GHB Drug Test Sticker- GE_Heart		Q'ty : 30,000pcs	5.00		
69678	AngelGuard GHB Drug Test Sticker- GE_Star			5.00		
69679	AngelGuard GHB Drug Test Sticker- BE_Ribbon			5.00		
69680	AngelGuard GHB Drug Test Sticker- BE_Flower			5.00		
TOTAL ////////////////////		//////////	//////////			

- * Origin : Republic of Korea
- * Price Terms : F.O.B Korea.
- * Packing : Export standard carton packing
- * Production Lead Time : Depends on order q'ty & condition.
Standard delivery - 35~45days after receiving deposit.
- * Estimated Shipping date from factory : Depends on order confirmation date
- * Inspection : Manufacturer's final
- * Destination : As buyer's comments.
- * Shipping port : By air freight from Incheon Air port,or by ocean vessel from Busan Sea port,KOREA
- * Terms of Payment : 50% T/T before production starts, 50% remaining balance before shipment.
- * Payment Method- Bank Transfer : Applicable to all standard export orders
- * The Validity period of this document : **Until end of Dec.,2025**
- * Currency : USD
- * Bank Information : Bank name- Industrial Bank of Korea. Chunui-Techno Branch
Address: 201-1 Chunui Technopark2, Wonmi-gu, Bucheon-si Gyeonggi-do, Korea
Account#: 296-107139-56-00018 **Swift(Bic) Code: IBKOKRSE.
Depositor : SHINE B Co., Ltd.

- * All Bank Transfer & Paypal Fees : All bank transfer and PayPal fees must be paid by the sender.
The full invoiced amount must be received without any deductions.

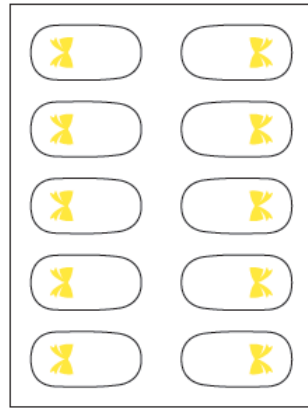
- * The Seller shall not be liable for any delay or failure in shipment if the Buyer fails to make payment

in accordance with the terms stated on this invoice.

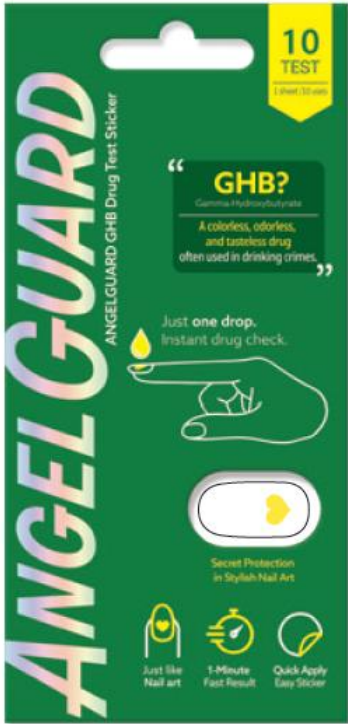
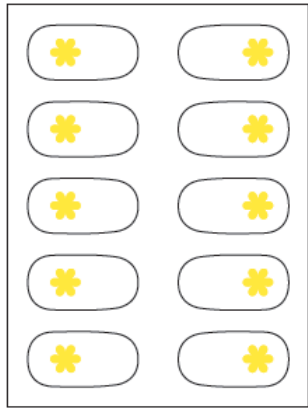
- * Any advance payment shall be non-refundable to the Buyer if the order is cancelled or not fulfilled by the Buyer without the Seller's prior written consent.



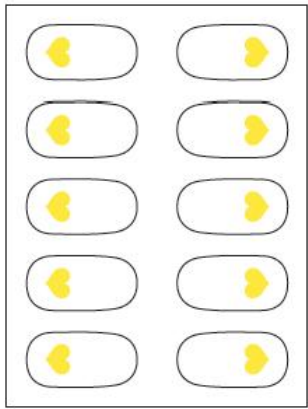
69679
BE_Ribbon



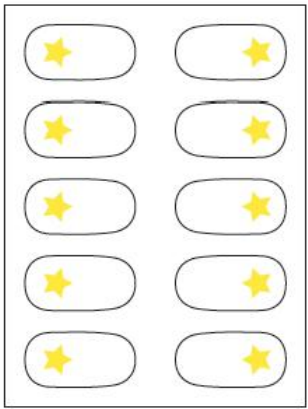
69680
BE_Flower



69677
GE_Heart



69678
GE_Star



AngelGuard Sales & Distribution Plan

1. B2C Sales Channels

A. Offline

- **Convenience stores:** Easy access, 24/7 purchase at counters or next to condom shelves, linked to women's safety campaigns.
- **Large retailers, supermarkets, shopping centers:** Placement in daily necessities corners, travel goods corners, and women's safety campaign zones.
- **Pharmacies / Drugstores:** Positioned near OTC medicines, personal care products, first-aid kits, and safety product sections.

B. Online

- **Online malls:** Bundled sales with female-targeted products (cosmetics, sanitary pads, mask packs, etc.)
- **SNS (Instagram, TikTok, etc.):** Influencer marketing with messages such as *"A small habit that protects me, my personal bodyguard"*

2. B2B Sales Channels

A. Bars, Clubs, Alcohol-Serving Venues

- "This venue practices anti-drink spiking" campaign → enhanced brand safety image.

B. Corporations

- Inclusion in **brand promotional gift kits**, co-branded editions (cosmetics, beauty goods, etc.)
- Bundling into **female-targeted packages** (e.g., *women's safety sticker* to strengthen social responsibility messaging)
- Collaboration with **travel goods companies** for packaging and sales
- Alcohol and beverage companies can provide sponsorships or promotional giveaways.

C. Government & Public Agencies (Narcotics Bureau, Police, Ministry of Gender Equality & Family, etc.)

- Integrated into **crime prevention campaigns** for public health and safety (e.g., included in "Women's Safe Return" kits)
- Featured in **municipal events and festivals** as part of safety goods distribution and free giveaways.

3. CSR Partnerships (Local Governments / Corporations / Universities)

- Distributed during **corporate events, university festivals**, and women's safety campaigns
- **Corporate-sponsored safety kits** for female employees
- Supported by corporations as part of **ESG reports** and social responsibility programs (e.g., free supply to youth organizations, community centers).
- Enhances **brand image** by associating with CSR activities
- Joint programs with local governments (e.g., **free distribution booths in nightlife districts** – "Drink Spiking Zero Zone").
- Inclusion in **university dormitories/festivals** as part of ongoing safety campaigns.

AngelGuard - Q & A (1/3)

Q01 : Which category does this product belong to: **medical device, diagnostic tool, or cosmetic?**

A01 : This product does not fall under medical devices, diagnostic tools, or cosmetics. It is classified as a general consumer safety product.

-AngelGuard is a **preventive safety support tool for consumer protection**.

-It has **no purpose of medical diagnosis or treatment** related to disease, crime, or safety checks.

Q02 : Does this product comply with the U.S. Home-use Test (FDA) regulations?

A02 : No. AngelGuard is **not classified as a “Home-use diagnostic test kit”**

-Therefore, FDA regulations for medical devices (IVD) do not apply.

-AngelGuard is not intended for medical diagnosis or legal proof, but is classified as a **safety consumer product or preventive support tool**.

-Compliance with local regulations must be **verified and ensured by local importers and distributors**.

Q03 : Then, what is a Home-use diagnostic test kit?

A03 : A home-use diagnostic test kit is a medical device that allows consumers to check **diseases or health conditions at home**.

Examples: COVID-19 rapid antigen test kits, pregnancy test kits, blood glucose or cholesterol self-test kits.

These products are classified as **In Vitro Diagnostic Devices (IVD)** and must be approved by the FDA before sale.

Q04 : What is an IVD (In Vitro Diagnostic Device)?

A04 : An IVD is a **medical device that uses human samples (blood, saliva, urine, etc.) to diagnose, detect, or monitor disease, infection, or health conditions outside the human body**.

In the U.S., IVDs are regulated as medical devices, and FDA reviews their safety, performance, and accuracy.

They generally require **510(k) submission, De Novo pathway, or PMA (Pre-Market Approval)** before entering the market.

In short, IVDs have **diagnostic and medical effectiveness**, whereas AngelGuard is fundamentally different.

Q05 : Is this product FDA registered or ISO certified?

A05 : FDA Registration: AngelGuard is **not a medical device**, so it is **not subject to FDA registration**.

ISO Certification: The production process can be managed under ISO quality standards (e.g., ISO 9001).

However, the product itself is **not subject to medical device ISO certification (e.g., ISO 13485)**.

Q06 : What is the mandatory disclaimer that must be provided when selling this product?

A06 : AngelGuard is **not intended for medical diagnosis or treatment**.

Test results are for **reference only** and serve as a **preventive safety tool**, not a 100% guaranteed solution.

Responsibility for interpretation and usage lies with the end user.

The company does **not bear any legal liability for incidents arising from the use of this product**.

AngelGuard - Q & A (2/3)

Q07 : Can this product detect other drugs as well?

A07 : No. AngelGuard was specifically developed to detect **GHB (γ-Hydroxybutyrate)**.

It does not guarantee detection performance for other narcotics or chemical substances.

Q08 : Is there a possibility of false or misinterpreted results?

A08 : Yes, it is possible.

The color change relies on **visual interpretation**, so results may vary depending on lighting, drink color, and the user's perception.

Therefore, results should **not be used as sole evidence**, but rather as a **supportive safety tool**.

Q09 : What is the scope of responsibility related to product use??

A09 : AngelGuard is a **consumer safety product designed for preventive support**.

The company does not take responsibility for **direct/indirect damages, legal disputes, or criminal incidents** resulting from product use.

Compliance with national import regulations and distribution requirements lies with the **importer/distributor**.

Q10 : What are the precautions for use and storage?

A10 : -**Storage**: Avoid direct sunlight, high temperature, and humidity.

-**Shelf life**: Accuracy may decrease after **36 months from manufacturing date**.

-**Usage**: Lightly touch the test area to the beverage → check for color change within the indicated time.

-**Caution**: Strongly colored drinks or high-proof alcohol may affect interpretation.

-**Time limit**: Do not interpret results **after 5 minutes**, as the color may shift to a false positive.

-**Single-use product**: For new tests, always use a new sticker.

-**Application**: The product can be attached to nails or simple surfaces, but misuse may reduce sensitivity and cause false positives.

→ Recommended to apply **1–2 hours before use** for best performance.

Q11 : To what extent is design customization possible for this product?

A11 : OEM/ODM customization is possible if the **minimum order quantity (MOQ)** set by the company is met.

Basic principles: Packaging type, size, and test quantity defined by the company must be maintained,

Packaging design can be fully adapted to customer branding.

Product design (size, shape, color) can be customized to a certain extent, though limitations may apply

AngelGuard - Q & A (3/3)

Q12 : Have all the claimed functions and effects of the product been verified?

A12 : Yes, the key performance has been verified through internal testing.

- **Filmedi Internal Analytical Performance Test results:**

- **Sensitivity (LoD, Limit of Detection):** Detectable at 1% (10 mg/mL) GHB
- **Specificity (Cross-reactivity/Interference tests):** Normal responses confirmed in most beverages
- **Stability (Storage stability):** Passed accelerated aging test
- Exceptions

① **Orange juice & Red Bull** → Highly acidic, making detection difficult for all test kits worldwide. Currently, no improved solution exists.

This is a *common limitation across all products* and should be disclosed transparently.

② **Red wine, cola, coffee and other dark-colored drinks** → Normal reactions occur, but strong coloration may cause visual confusion during result interpretation.

Therefore, the *possibility of visual misinterpretation* must be clearly communicated.

- **External testing:** Performance test requested to a U.S. professional institute (Company M), with final report expected in Oct–Nov 2025.

- **Conclusion:** This product is a *preventive safety support tool against drink spiking crimes* and **not a 100% definitive diagnostic device**, which must be clearly stated.

Q13 : What does the 1% GHB standard mean?

A13 : It refers to an *internationally recognized risk threshold*.

- Based on an average adult female (50 kg body weight), if approximately 1% GHB is mixed into one glass of beverage, it is defined as the **minimum level that affects physical and mental functions**.

- In other words, it represents the *minimum concentration at which criminal attempts become feasible*.

Any concentration above this must be detectable according to international standards.

- **AngelGuard** is capable of detection even at **0.1% concentration**, confirming much higher sensitivity than the general standard.

This means the product demonstrates **10 times greater sensitivity compared to the global benchmark**.