



**VISION DIRECT LABS LLC**

89 Auburn Street  
Suite 1007  
Portland,  
ME 04103  
USA

**ANALYSIS CERTIFICATE - ENG15 PATCH**

**LOT NO.:** ENG1520240601/1

**MANUFACTURED:** June 2024

**Construction:** **Face Sheet:** 0.102 mm clear FT-200 polyethylene  
**Adhesive:** Moderate molecular weight, non-crosslinking, Acrylic co-polymer pressure sensitive adhesive.  
**Release Liner:** 90 gm per square meter Semi-bleached densified kraft.

**Active Ingredients:** Each patch indicated to contain :  
Caffeine Anhydrous  
Taurine  
Glucouronolactone  
Green Tea Extract  
Vitamin B3  
Vitamin B5  
Vitamin B6

**Size of Patch:** 32 mm square with rounded corners.

**Active Ingredients per Patch:** 14 mg.

**CERTIFICATE OF PATCH COMPOSITION:**

The computer controlled systems ensure an even coat weight across the entire film at 100gsm of adhesive coat weight (wet weight). The calculation we conducted to ensure correct dosing is as follows:

The active adhesive solution contained 13.67% active ingredient. Using this solution patches will be coated with at 13.67 g/m<sup>2</sup>. The size of a 32 mm by 32 mm label/patch is 0.001024 g/m<sup>2</sup>.

Therefore, the manufacturing dosing level of active load on a patch, using the adhesive solution analysed in this report, is **13.998 mg** (13.67 x 0.001024).

Total coated film area is 326.55m<sup>2</sup>

Total active adhesive used is 42.65kgs (326.55m<sup>2</sup> x 100gsm + 10kgs waste)

<b>Caffeine Anhydrous</b>	<b>Total Added 4163g</b>	<b>(71.42%) = 9.997 mg per patch</b>
<b>Taurine</b>	<b>Total Added 416g</b>	<b>(7.14%) = 0.999 mg per patch</b>
<b>Glucouronolactone</b>	<b>Total Added 416g</b>	<b>(7.14%) = 0.999 mg per patch</b>
<b>Green Tea Extract</b>	<b>Total Added 208g</b>	<b>(3.57%) = 0.499 mg per patch</b>
<b>Vitamin B3</b>	<b>Total Added 208g</b>	<b>(3.57%) = 0.499 mg per patch</b>
<b>Vitamin B5</b>	<b>Total Added 208g</b>	<b>(3.57%) = 0.499 mg per patch</b>
<b>Vitamin B6</b>	<b>Total Added 208g</b>	<b>(3.57%) = 0.499 mg per patch</b>

We certify that the above mentioned ingredients and amounts listed have been added to the adhesive in the amounts stated and are present in the coated materials. The roll goods were manufactured in June 2024 with an expiration date of 3 years from manufacture of June 2027



Signature: \_\_\_\_\_

Jonathan Bowtell



This information is being supplied on a "CONFIDENTIAL" basis and only intended for use for Registration with the Health Department. Any use of this information for promotional use is prohibited without the written permission from Vision Direct LLC. It is also understood that a copy of any registration granted from any Health Department will be forwarded to Vision Direct LLC