



**VISION DIRECT LABS LLC**

89 Auburn Street  
Suite 1007  
Portland,  
ME 04103  
USA

**ANALYSIS CERTIFICATE - HANGOVER PATCH**

**LOT NO.:** HO1520240801/1

**MANUFACTURED:** August 2024

**Construction:**

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

**Active Ingredients:** Each patch indicated to contain :

|                        |        |
|------------------------|--------|
| Vitamin B1             | 1.5mg  |
| Vitamin B2             | 1.5mg  |
| Vitamin B6             | 1.5mg  |
| Vitamin B3             | 2mg    |
| Vitamin B9             | 0.5mg  |
| Glutathione            | 1.5 mg |
| NAC (N-acetylcysteine) | 1 mg   |
| Mile Thistle Extract   | 0.1 mg |

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

**Active Ingredients per Patch:** 9.5 mg.

**CERTIFICATE OF PATCH COMPOSITION:**

The computer controlled systems ensure an even coat weight across the entire film at a wet weight of 100 g/m<sup>2</sup>. The calculation we conducted to ensure correct dosing is as follows:

The active adhesive solution contained 9.278% active ingredient. Using this solution patches will be coated with at 9.278 g/m<sup>2</sup>. The size of a 32 x 32 mm 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 **9.501 mg** (9.278 x 0.001024).

Total coated film area is 300m<sup>2</sup>

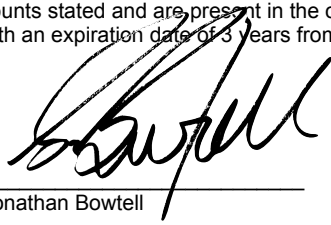
Total active adhesive used is 40 kgs (300.m<sup>2</sup> x 100gsm + 10kgs waste)

|                     |                            |  |
|---------------------|----------------------------|--|
| <b>Vitamin B1</b>   | <b>Total Added 585.85g</b> | <b>= Total Active Coat @ 15.787% = 1.499mg</b> |
| <b>Vitamin B2</b>   | <b>Total Added 585.85g</b> | <b>= Total Active Coat @ 15.787% = 1.499mg</b> |
| <b>Vitamin B6</b>   | <b>Total Added 585.85g</b> | <b>= Total Active Coat @ 15.787% = 1.499mg</b> |
| <b>Vitamin B3</b>   | <b>Total Added 781.17g</b> | <b>= Total Active Coat @ 21.05% = 1.999mg</b>  |
| <b>Vitamin B9</b>   | <b>Total Added 195.27g</b> | <b>= Total Active Coat @ 5.262% = 0.499mg</b>  |
| <b>Glutathione</b>  | <b>Total Added 585.85g</b> | <b>= Total Active Coat @ 15.787% = 1.499mg</b> |
| <b>NAC</b>          | <b>Total Added 390.58g</b> | <b>= Total Active Coat @ 10.525% = 0.999mg</b> |
| <b>Milk Thistle</b> | <b>Total Added 371mcg</b>  | <b>= Total Active Coat @ 1% = 0.095mg</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 Aug 2024 with an expiration date of 3 years from manufacture of Aug 2027

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

Jonathan Bowtell



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