

**ANALYSIS CERTIFICATE - PATERZEN CBD PATCH - LAVENDER**

**LOT NO.:** HMP15PZ 20211101/1

**MANUFACTURED:** November 2021

**Construction:** Face Sheet: 0.102 mm clear FT-200 polyethylene - Flood Coated with Micro Encapsulated Lavender Aroma Scent.,

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 :

CBD Isolate 15mg

**Size of Patch:** 38 mm square with rounded corners.

**Active Ingredients per Patch:** 15.003 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 10.39% active ingredient. Using this solution patches will be coated with at 10.39 g/m<sup>2</sup>. The size of a 38 x 38 mm patch is 0.001444 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 **15.003 mg** (10.39 x 0.001444).

Total coated film area is 2540m<sup>2</sup>

Total active adhesive used is 254 kgs (254.m<sup>2</sup> x 100gsm)

**CBD Isolate Total Added 27.43kg = Total Active Coat Weight 144.40mg per patch @ 10.39% = 15.003mg**

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 November **2021** with an expiration date of 5 years from manufacture of November **2026**

Signature:

Jonathan Cawell



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