

**ANALYSIS CERTIFICATE - PATERZEN CBD PATCH**

**LOT NO.:** HMP30PZ 20221101/1

**MANUFACTURED:** Nov 2022

**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 :

CBD Isolate 30mg

**Size of Patch:** 45 mm square with rounded corners.

**Active Ingredients per Patch:** 29.3 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 14.469% active ingredient. Using this solution patches will be coated with 14.469 g/m<sup>2</sup>. The size of a 45 x 45 mm patch is 0.002025g/m<sup>2</sup>.

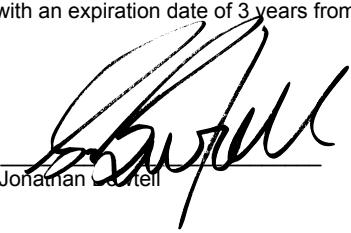
Therefore, the manufacturing dosing level of active load on a patch, using the adhesive solution analysed in this report, is **29.30mg** (14.469 x 0.002025).

Total coated film area is 2205m<sup>2</sup>

Total active adhesive used is 220.5 kgs (2205.m<sup>2</sup> x 100gsm)

***CBD Isolate Total Added 28.81kg = Total Active Coat Weight 202.50mg per patch @ 14.469% = 29.30mg***

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 Nov 2022 with an expiration date of 3 years from manufacture of Nov 2025

Signature:   
Jonathan Vantell



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