[Top button and top image link to: [https://www.purolite.com/index/healthcare-and-life-sciences/nutraceuticals/cbd-purification/CBD-Purification-BOSS-LLC-THC-FREE](https://protect-us.mimecast.com/s/VZ4MCL9R2Rhkk2mriBQkJD?domain=purolite.com)]

**Chromalite™ Media to Produce THC-Free CBD Oil**

**Need**: Product to [remediate CBD](https://protect-us.mimecast.com/s/RrC4CM8626U22YR1FkOy2x?domain=purolite.com) [link “remediate CBD” to: [https://www.purolite.com/index/healthcare-and-life-sciences/nutraceuticals/cbd-purificationreach](https://protect-us.mimecast.com/s/0H3JCNkR2RSZZpE8Hjw-LS?domain=purolite.com) ] to reach “THC-free” levels for manufacturing of CBD consumer products

**Solution**: PCG600M polymeric chromatography media for final THC remediation

**Results**: THC-free CBD oil (< 0.1% THC) at an attractive produced cost point

**Background**: BOSS LLC, an equipment provider and remediation company in the hemp space, required a solution for their cannabinoid processing to satisfy the market need for a THC-free CBD oil to be used in consumer products. With a qualified and experienced leadership team, BOSS knew they needed to reach the most economical process feasible to keep up with long-term market trends and purity demands.

After BOSS tried multiple types of chromatography media that produced undesirable outcomes, such as high pressure/high CAPEX equipment or too much solvent during operation to reach the purity levels required, they turned to Purolite’s Chromalite™ product line. Chromalite™ PCG600M was successfully implemented within their simulated moving bed design to maximize yield and product margin. This evaluation produced results that met BOSS’s production need of 8.0 kg/day in a demonstration plant that surpassed expectations. The planning to upgrade the capacity to 15 kg/day has already begun.

[Read Full Case Study With Data](https://protect-us.mimecast.com/s/RrC4CM8626U22YR1FkOy2x?domain=purolite.com) [link to: [https://www.purolite.com/index/healthcare-and-life-sciences/nutraceuticals/cbd-purification/CBD-Purification-BOSS-LLC-THC-FREE](https://protect-us.mimecast.com/s/VZ4MCL9R2Rhkk2mriBQkJD?domain=purolite.com)]

[Learn More About Purolite's CBD Applications](https://protect-us.mimecast.com/s/RrC4CM8626U22YR1FkOy2x?domain=purolite.com) [link to: [https://www.purolite.com/index/healthcare-and-life-sciences/nutraceuticals/cbd-purification](https://protect-us.mimecast.com/s/RrC4CM8626U22YR1FkOy2x?domain=purolite.com)]