

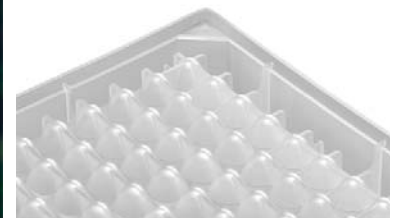
## Porvair Sciences Genomics Plate perfect for Cannabis Analysis

Porvair Sciences reports on a highly effective protocol, using its Plant Genomics microplate, for preparing cannabis samples for analysis of Tetrahydrocannabinol (THC) and Cannabidiol (CBD).

With increasing legalization of cannabis for medicinal and research purposes, demand for accurate and high throughput analysis of its active ingredients has dramatically risen. Cannabis plant material contains several cannabinoids for which the human brain has evolved receptors. The two most important are the psychoactive THC and the analgesic CBD which has therapeutic uses. The ratio of THC and CBD is crucial for differentiating medicinal versus recreational cannabis. This ratio is important for taxation authorities, medical regulators and growers alike.

Accurate determination of the THC/CBD ratio is critically determined by effective sample preparation of the samples of cannabis leaf, bud and flower. Traditional sample preparation methods have used bead-beating or grinding mills to homogenise these materials. When conducted in polypropylene microplates the extreme forces applied by these machines often cause damage to the plates leading to cracking, leaking and ultimately, cross-contamination.

For additional information - Cannabis for Analysis using Porvair equipment and plates – please visit our website - [www.jgfinneran.com](http://www.jgfinneran.com)



Reinforced underside to withstand high impact grinding processes

All plates and cap mats are DNA/RNA-ase free

Finneran No.	Description	Sterile	Case Qty.
219030	2mL square well toughened genomics plate		50
219031	2mL square well toughened genomics plate	X	50
219004	EVA sealing cap, 96 square well to fit 219030, 219031		50