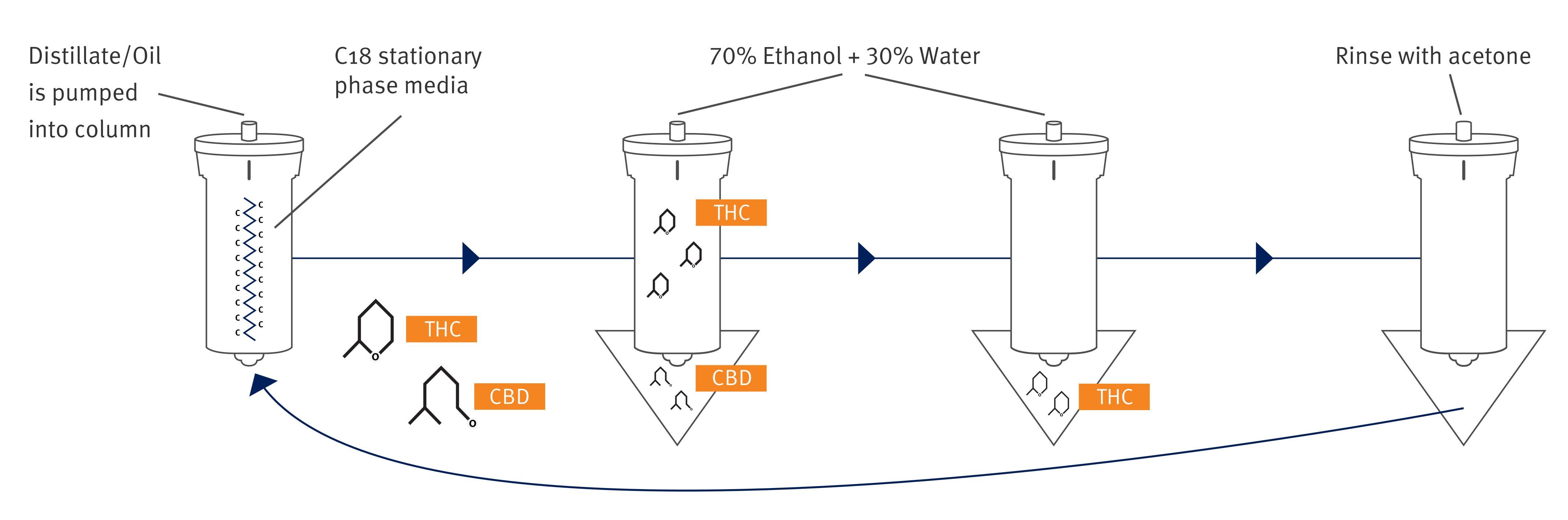


# Isolate Cannabinoids using Flash Chromatography



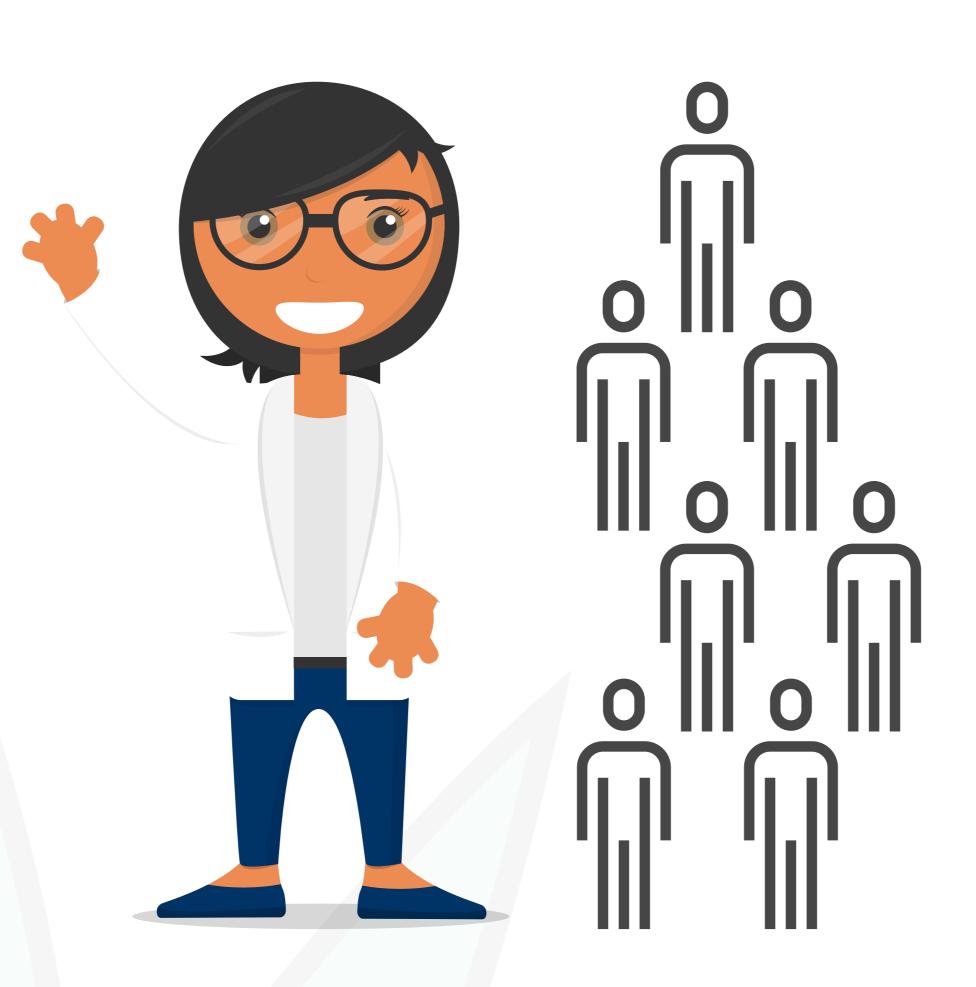
### How Flash Chromatography works



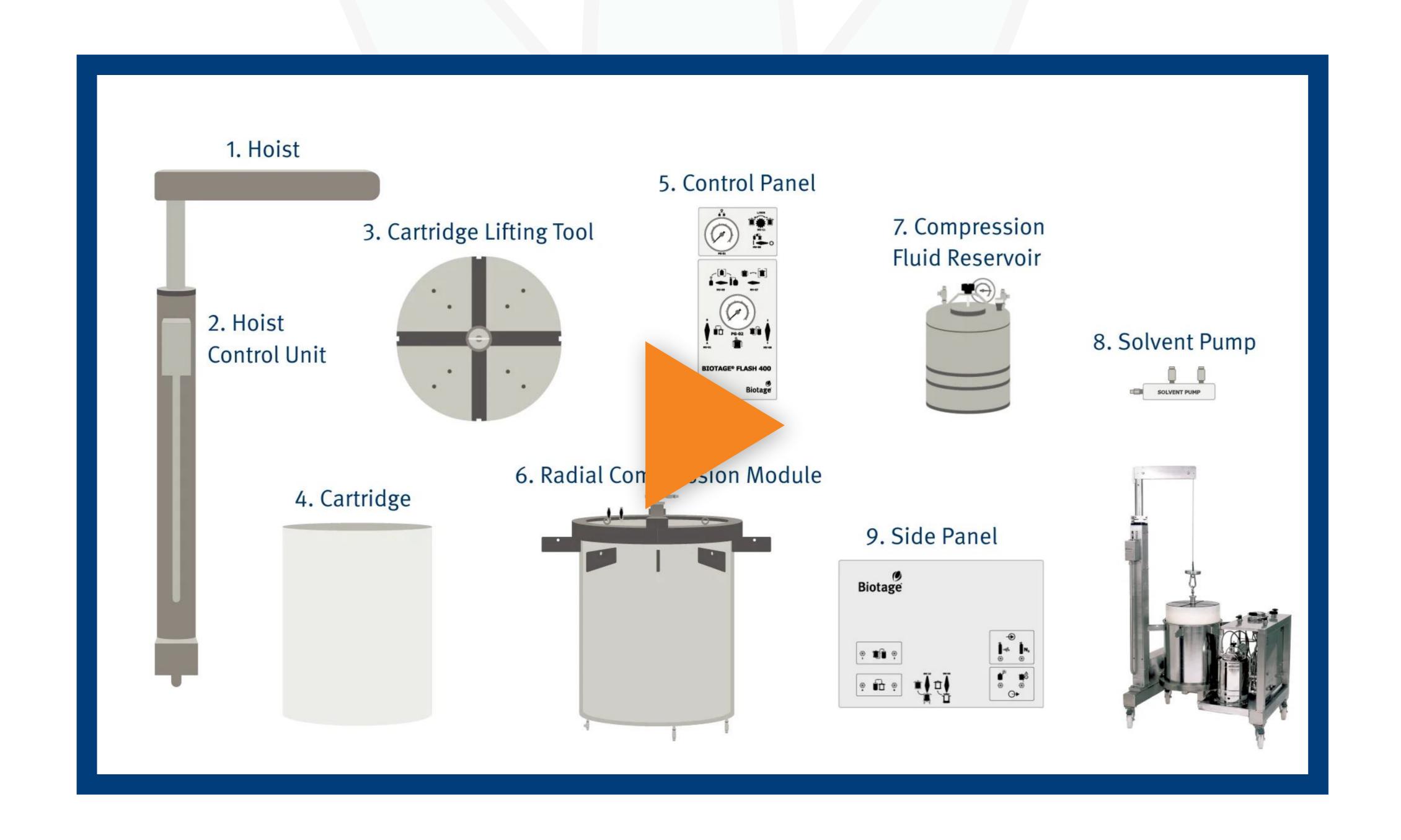
- THC and CBD interact to different degrees with the C18 Media
- As a result CBD passes through the media faster and exits the column first
- THC is collected later

### What is Flash Chromatography?

# A technique used by Thousands of chemists



## Flash 400 Video



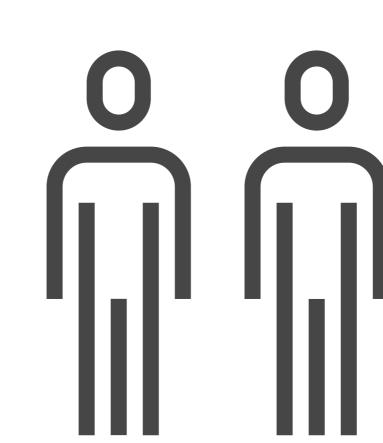
# Biotage systems

	Capacity/24hr	Gallons of solvent used/24hr
Isolera <sup>TM</sup> LS	1.2 kg	50 - 70
Biotage® Flash 150	3.6 kg	150 - 200
Biotage® Flash 400	28.8 kg	1200 - 1500

# **Capital Costs** \$50,000 - \$200,000 Initial investment 1-28 kg/24 hours Maximum capacity range Column Cost Reusable 10 - 50 cycles. If well maintained, up to 100 cycles

# **Operating Costs**

One to two employees



# Solvent Cost

Solvent will vary based on where you live

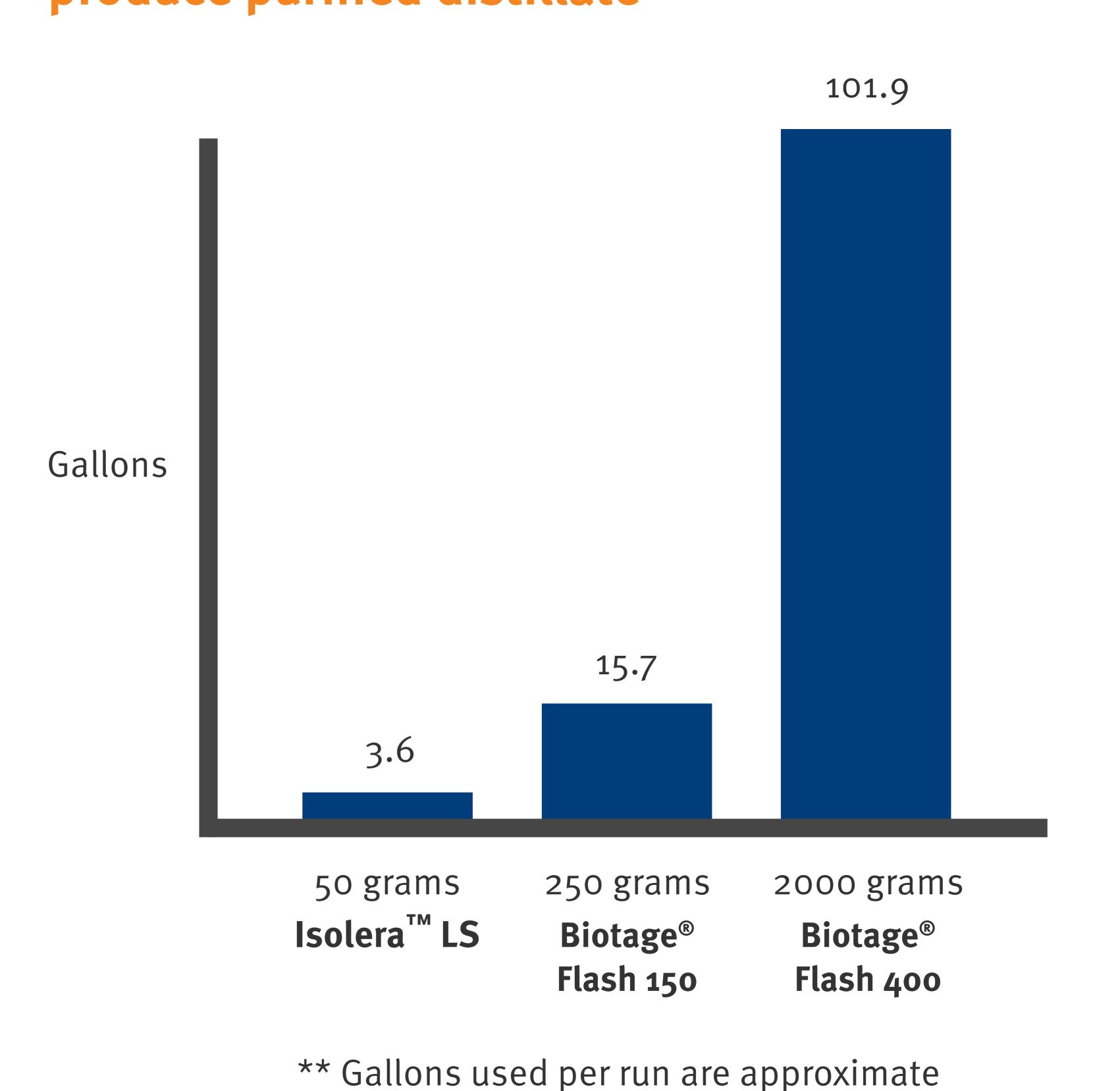


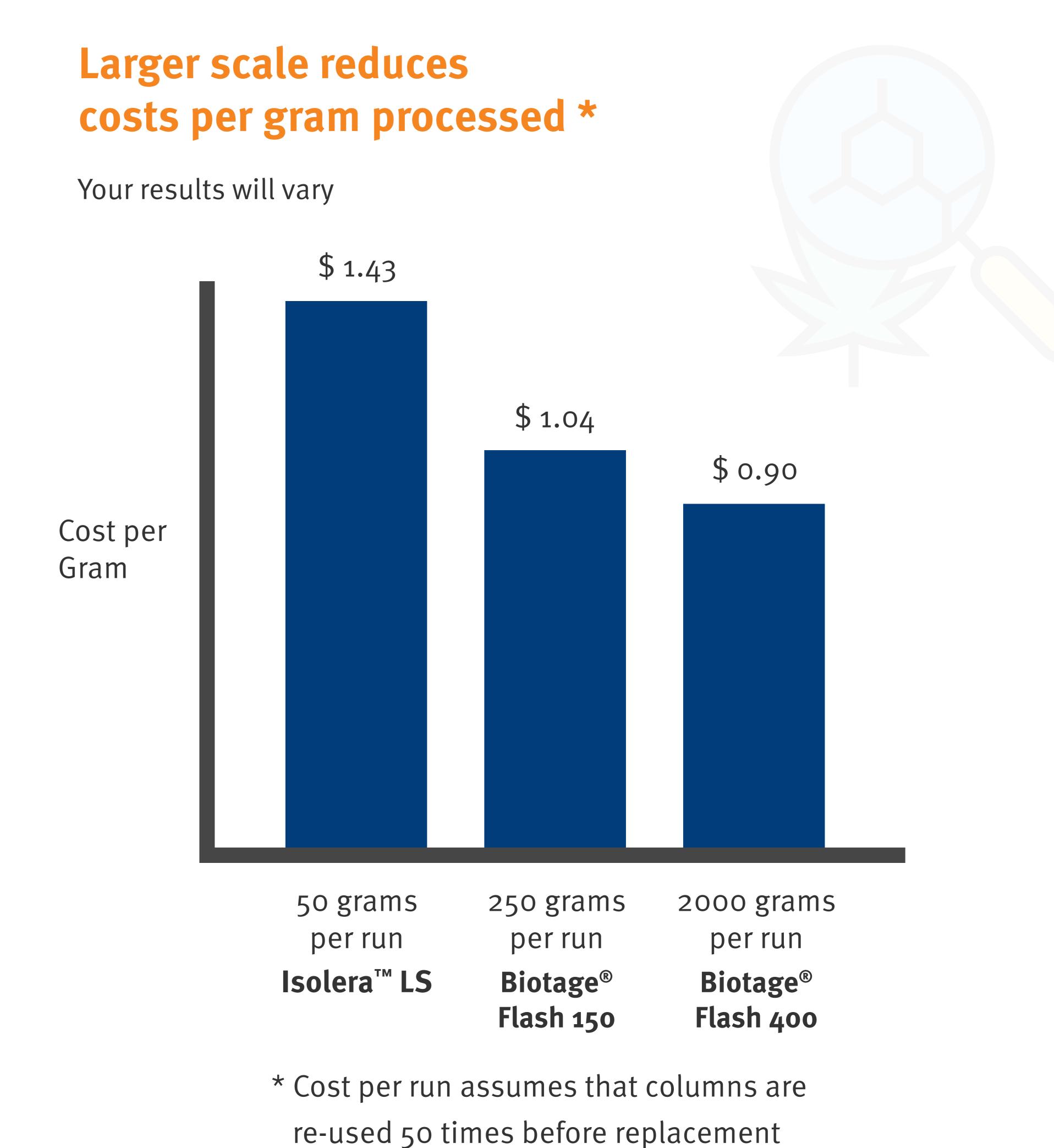
Check with local vendors for disposal & recycling



# different product possibilities THC isolate CBD isolate THC-free distillate THC isolate THC-free distillate <0.3% THC Limited

## Gallons of solvent to produce purified distillate \*\*



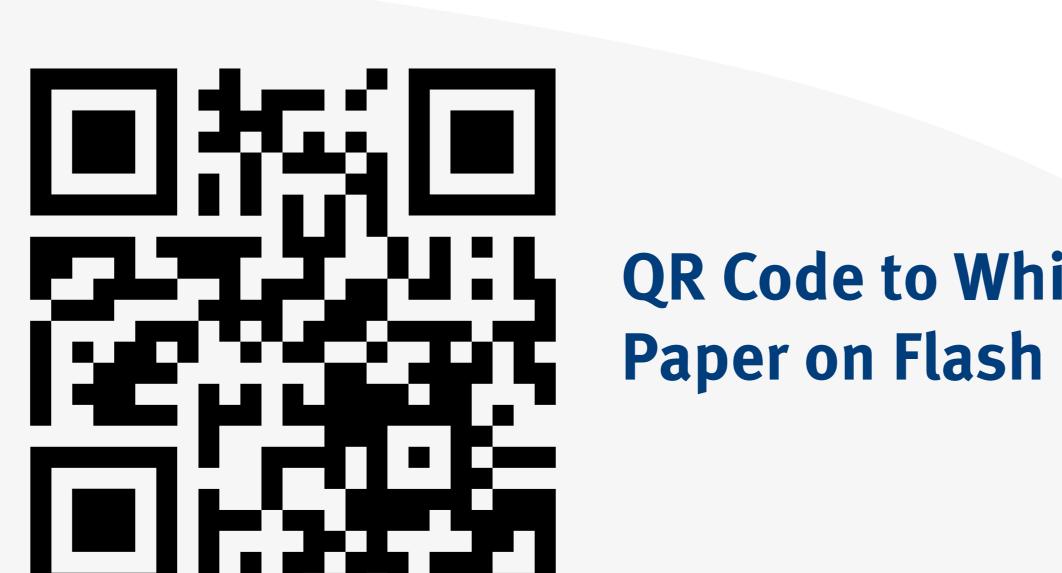


Want to go more in-depth?

Price range

\$1,000 - \$90,000





Biotage