

Cannabis Potency Standards

Cerilliant[®] ready-to-use Snap-N-Shoot[®] CRMs for fast and accurate potency testing

By acting on the endocannabinoid system, phytocannabinoids are responsible for many of the known psychoactive and therapeutic effects of cannabis. Our understanding of the varying cannabinoid profile has expanded far beyond THC, CBD and CBN, extending to over 85 known phytocannabinoids present across multiple cannabis strains.



Item List

| Description | Cat. No. | Quality Grade | Format | Certified Concentration |
|--|--------------|---------------|----------|-------------------------|
| Neutral Cannabinoids | | | | |
| (-)- Δ^9 -THC | T-005 | CRM | Solution | 1.0 mg/mL |
| Cannabidiol (CBD) | C-045 | CRM | Solution | 1.0 mg/mL |
| Cannabinol (CBN) | C-046 | CRM | Solution | 1.0 mg/mL |
| Cannabinoids Mixture (THC, CBD, CBN) | T-108 | CRM | Solution | 1.0 mg/mL each |
| Cannabigerol (CBG) | C-141 | CRM | Solution | 1.0 mg/mL |
| Cannabichromene (CBC) | C-143 | CRM | Solution | 1.0 mg/mL |
| (\pm)-Cannabicyclol (CBL) | C-154 | CRM | Solution | 1.0 mg/mL |
| Cannabidivarin (CBDV) | C-140 | CRM | Solution | 1.0 mg/mL |
| Tetrahydrocannabivarin (THCV) | T-094 | CRM | Solution | 1.0 mg/mL |
| (-)- Δ^8 -THC | T-032 | CRM | Solution | 1.0 mg/mL |
| exo-THC | T-033 | CRM | Solution | 1.0 mg/mL |
| Acidic Cannabinoids | | | | |
| Δ^9 -Tetrahydrocannabinolic acid A (THCA-A) | T-093 | CRM | Solution | 1.0 mg/mL |
| Cannabidiolic acid (CBDA) | C-144 | CRM | Solution | 1.0 mg/mL |
| Cannabinolic acid (CBNA) | C-153 | CRM | Solution | 1.0 mg/mL |
| Cannabigerolic acid (CBGA) | C-142 | CRM | Solution | 1.0 mg/mL |
| Cannabichromenic acid (CBCA) | C-150 | CRM | Solution | 1.0 mg/mL |
| Cannabicyclolic acid (CBLA) | C-171 | CRM | Solution | 0.5 mg/mL |
| Cannabidivarinic acid (CBDVA) | C-152 | CRM | Solution | 1.0 mg/mL |
| Stable-Isotope Labeled Internal Standards | | | | |
| Cannabidiol-D ³ , 100 μ g/mL | C-084 | CRM | Solution | 100 mg/mL |
| Cannabinol-D ³ , 100 μ g/mL | C-115 | CRM | Solution | 1.0 mg/mL |
| (-)- Δ^9 -THC-D ³ , 100 μ g/mL | T-003 | CRM | Solution | 100 mg/mL |
| (-)- Δ^9 -THC-D ³ , 1.0 mg/mL | T-011 | CRM | Solution | 1.0 mg/mL |

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.



Benefits of Snap-N-Shoot® CRMs

- Ready to use – Reduces labor & cost through less weighing, solution preparation, & internal qualification
- DEA-Exempt – straightforward ordering and delivery
- Experts in cannabinoid synthesis and formulation – over 30 years experience with cannabinoid chemistry
- Convenience of use – Pre-prepared solutions eliminate preparation step as one source of error
- Comprehensive Certificate of Analysis

Supporting Materials

- [SigmaAldrich.com/cannabis](https://www.sigmaaldrich.com/cannabis)
- Cannabis Testing Brochure
- Application Note: An Easy Approach for the Analysis of Active Cannabis Compounds in Edible Food Products: Gummy Bears and Brownies

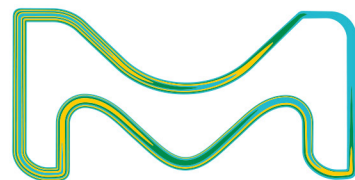
Related Products

- Terpene single component standards and mixes
- Pesticide single component standards
- Residual solvent mixes
- Fungal toxin single component standards and mixes
- Heavy metal single component standards and mixes

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