Supelco®
Analytical Products

MERCK

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
(±)-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 µg/mL	**C-084**	CRM	Solution	100 mg/mL
Cannabinol-D^3, 100 µg/mL	**C-115**	CRM	Solution	1.0 mg/mL
(-)-Δ^9-THC-D^3, 100 µg/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.

SCIENTIFIC LABORATORY SUPPLIES

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
- 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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