# Cannabis Standards

## for Testing and Research

- THC, CBD
- General cannabinoids
- Terpenes
- Plant material
- Toxins

novachem
superior standards

bedrocan® australia

Cerilliant® Analytical Reference Standards

AccuStandard® Leader in Analytical Reference Standards

Australia's cannabis industry is thriving and testing of cannabis products both for local and international markets is a key requirement for any agricultural or pharmaceutical laboratory.

Novachem has one of the widest ranges of cannabis standards available in stock and can supply most of these overnight. This includes a full range of standards including THC, THC Acid, CBD, CBD Acid and other cannabinoids commonly found in cannabis materials and almost 30 terpenes.

Novachem distributes medicinal cannabis for therapeutic use from Bedrocan. This provides access to physical cannabis material under the TGA's Special Access Scheme and Approved Prescriber scheme. Novachem is also able to provide fully certified therapeutic cannabis products to Australian laboratories for analysis and research. Thorough method testing and development is therefore now available.

Laboratories testing medicinal cannabis are required to test to European Pharmacopoeia standards on:

- Aflatoxins
- Foreign matter
- Heavy metals
- Ochratoxin A
- Pesticides
- Total ash

Novachem can provide certified reference standards for all these tests.

Novachem Pty Ltd
25 Crissane Road
Heidelberg West Vic 3081

**1800 NOVACHEM (1800 668 224)**

**www.novachem.com.au**

# Cannabis Product List - Please call 1800 668 224 for a quote.

## Bedrocan Cannabis Plant Material (Schedule 9) for research

| | | | | |
|---|---|---|---|---|
| BC-101 | Bedrocan® | 22% THC, < 1% CBD; Flos | 5g | Plant material |
| BC-201 | Bedrobinol® | 13.5% THC, < 1% CBD; Flos | 5g | Plant material |
| BC-301 | Bediol® | 6.3% THC, 8% CBD; Granulate | 5g | Plant material |
| BC-401 | Bedica® | 14% THC, < 1% CBD; Granulate | 5g | Plant material |
| BC-501 | Bedrolite® | <1% THC, 9% CBD; Granulate | 5g | Plant material |

## Cannabinoid Standards (Schedule 9)

| | | | |
|---|---|---|---|
| C-045-1ML | Cannabidiol (CBD) | 1 mL | 1,000 µg/mL in methanol |
| C-046-1ML | Cannabinol (CBN) | 1 mL | 1,000 µg/mL in methanol |
| C-084-1ML | Cannabidiol-D3 (CBD-d3) | 1 mL | 100 µg/mL in methanol |
| C-115-1ML | Cannabinol-D3 (CBN-d3) | 1 mL | 100 µg/mL in methanol |
| C-140-1ML | Cannabidivarin (CBDV) | 1 mL | 1,000 µg/mL in methanol |
| C-141-1ML | Cannabigerol (CBG) | 1 mL | 1,000 µg/mL in methanol |
| C-142-1ML | Cannabigerolic acid (CBGA) | 1 mL | 1,000 µg/mL in acetonitrile |
| C-143-1ML | Cannabichromene (CBC) | 1 mL | 1,000 µg/mL in methanol |
| C-144-1ML | Cannabidiolic acid (CBDA) | 1 mL | 1,000 µg/mL in acetonitrile |
| C-152-1ML | Cannabidivarinic acid (CBDVA) | 1 mL | 1,000 µg/mL in acetonitrile |
| C-154-1ML | (±)-Cannabicyclol (CBL) | 1 mL | 1,000 µg/mL in acetonitrile |
| H-026-1ML | (±)-11-Hydroxy-delta9-THC | 1 mL | 100 µg/mL in methanol |
| H-027-1ML | (±)-11-Hydroxy-delta9-THC | 1 mL | 1,000 µg/mL in methanol |
| H-041-1ML | (±)-11-Hydroxy-delta9-THC-D3 | 1 mL | 100 µg/mL in methanol |
| T-003-1ML | (-)-delta9-THC-D3 | 1 mL | 100 µg/mL in methanol |
| T-005-1ML | (-)-delta9-THC | 1 mL | 1,000 µg/mL in methanol |
| T-006-1ML | (±)-11-nor-9-Carboxy-delta9-THC | 1 mL | 100 µg/mL in methanol |
| T-007-1ML | (±)-11-nor-9-Carboxy-delta9-THC-D9 | 1 mL | 100 µg/mL in methanol |
| T-008-1ML | (±)-11-nor-9-Carboxy-delta9-THC-D3 | 1 mL | 1,000 µg/mL in methanol |
| T-009-1ML | (±)-11-nor-9-Carboxy-delta9-THC-D9 | 1 mL | 1,000 µg/mL in methanol |
| T-010-1ML | (±)-11-nor-9-Carboxy-delta9-THC | 1 mL | 1,000 µg/mL in methanol |
| T-032-1ML | (-)-delta8-THC | 1 mL | 1,000 µg/mL in methanol |
| T-038-1ML | (+)-11-nor-9-Carboxy-delta9-THC glucuronide | 1 mL | 100 µg/mL in methanol |
| T-080-1ML | (±)-11-nor-9-Carboxy-delta9-THC-D3 glucuronide | 1 mL | 100 µg/mL in methanol |
| T-093-1ML | (±)-delta9-Tetrahydrocannabinolic acid A (THCA-A) | 1 mL | 1,000 µg/mL in acetonitrile |
| T-094-1ML | Tetrahydrocannabivarin (THCV) | 1 mL | 1,000 µg/mL in methanol |

## Terpene Standards

| | | | |
|---|---|---|---|
| CP-TER-001S | (-)-alpha-Bisabolol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-002S | (-)-beta-Pinene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-003S | (-)-Borneol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-004S | (-)-Caryophyllene oxide | 1 mL | 100 µg/mL in Methanol |
| CP-TER-005S | (-)-Guaiol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-006S | (-)-Isopulegol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-007S | (+)-Borneol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-008S | (+)-Fenchone | 1 mL | 100 µg/mL in Methanol |
| CP-TER-009S | Eucalyptol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-010S | alpha-Humulene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-011S | alpha-Pinene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-012S | alpha-Terpinene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-013S | (-)-trans-Caryophyllene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-014S | Myrcene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-015S | Camphene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-016S | Camphor | 1 mL | 100 µg/mL in Methanol |
| CP-TER-017S | 3-Carene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-018S | (R)-(+)-Limonene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-019S | gamma-Terpinene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-020S | Geraniol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-021S | (1R)-(-)-Fenchone | 1 mL | 100 µg/mL in Methanol |
| CP-TER-022S | Linalool | 1 mL | 100 µg/mL in Methanol |
| CP-TER-023S | Nerolidol | 1 mL | 100 µg/mL in Methanol |
| CP-TER-024S | Ocimene (mixture of isomers) | 1 mL | 100 µg/mL in Methanol |
| CP-TER-025S | p-Cymene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-026S | Terpinolene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-027S | (+)-Valencene | 1 mL | 100 µg/mL in Methanol |
| CP-TER-028S | Terpineol (mixture of isomers) | 1 mL | 100 µg/mL in Methanol |
| CP-TER-029S | Farnesene (mixture of isomers) | 1 mL | 100 µg/mL in Methanol |

## Other Standards

| | | | |
|---|---|---|---|
| 159-02701 | Ochratoxin A Solution | 5 mL | 10 µg/mL in acetonitrile |
| B-MYC0490-C | Ochratoxin A Standard | 5 mg | neat |
| | Aflatoxin Standards B1, B2, G1, G2, M1, M2, P1, Mixtures | Please enquire | |
| | Pesticides for residue analysis | Please enquire | |
| | Heavy Metals Standards / Mix As, Cd, Pb, Hg | Please enquire | |