

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2785	
Compound name	(-)-Cannabidiol	
Chemical name	2-[(1R,6R)-3-Methyl-6-(1-methylethenyl)-2-cyclohexen-1-yl]-5-pentyl-1,3-benzenediol	
Batch number	E1684-1-1	
Batch molecular formula	C <sub>21</sub> H <sub>30</sub> O <sub>2</sub>	
Batch molecular weight	314.47	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.9%
NMR	<sup>1</sup> H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis shows molecular ion	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in ethanol (75 mM) and in DMSO (75 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

14-10-21

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.