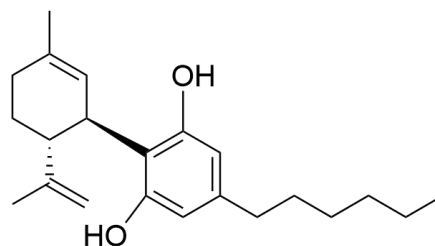


Certificate of Analysis

Cannabidihexol (CBDH)

Product No.: BA116
Lot No.: BA116-20250517
Description of CRM: Cannabidihexol
Chemical formula: $C_{22}H_{30}O_2$
CAS No.: 2552798-21-5
Mfg. Date: May,17, 2025
Retest Date: May 2026
Storage: Store unopened in cold (2 °C to -8 °C).

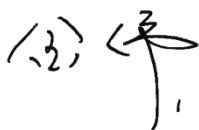


Quantity: 10Kg
Appearance: Brown oily matter
Packaging: Plastic bottle
Details on starting Each raw material utilized has been identified and thoroughly characterized through.
Materials: The use of multiple analytical techniques and is assigned a Mass Balance Purity Factor. Spectral data is provided on subsequent pages of this COA.
Certificate of Origin: Blazer Corporation certifies no material of animal origin (BSE/TSE) was used in the preparation of this product .
Country of Origin: China

Quality Assurance Manager

May 17,2025

Issue Date



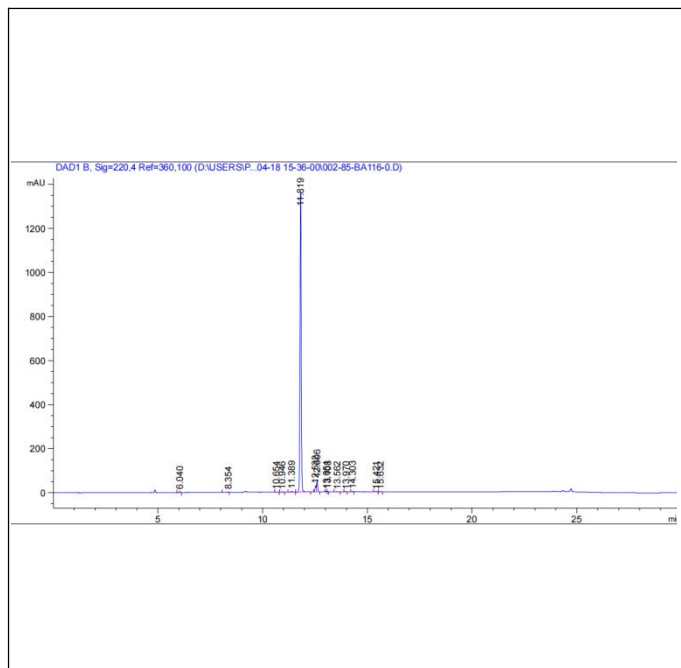
Analyte Certification - Mass Balance Purity Factor

Each analyte is thoroughly identified and characterized using an orthogonal approach. A mass balance purity factor is assigned incorporating chromatographic purity and residual impurities. The mass balance purity factor is utilized to calculate the weighing adjustment necessary to ensure accuracy of the solution standard concentration.

Material Name: Cannabidihexol		Chemical Formula: C ₂₂ H ₃₂ O ₀
Material Lot: BA116-20250517		CAS Number: 2552798-21-5
		Molecular Weight: 328.49
Material Characterization Summary		
Analytical Test		Standard
Chromatographic Purity by HPLC/UV Analysis		≥90%
Total THC (Δ ⁹ -THC and THCA-A) on a Dry Weight Basis		ND
Identity by LC/MS Analysis		Consistent with Structure
Identity by ¹ H-NMR Analysis		Consistent with Structure
Residual Water Analysis by Karl Fischer Coulometry		1%
Solvent-residues Identity by GC Analysis	Dichloromethane	600ppm
	Methyl tert-butyl ether	5000ppm
	Methanol	3000ppm
	Ethanol	5000ppm
	N-heptane	5000ppm
Mass Balance Purity Factor		92.95%
• The chromatographic purity is calculated as the average of two independently performed analyses utilizing two different methods. Acceptance criteria requires the purity values to be within 0.5% of each other. • The chromatographic purity value is used to calculate the Mass Balance Purity Factor. • Mass Balance Purity Factor = [(100 - wt% residual solvent - wt% residual water - wt% residual inorganics) x Chromatographic Purity / 100]. • Mass Balance Purity Factor does not include adjustment for chiral and/or isotopic purity.		

Spectral and Physical Data

HPLC/UV



Column: Ascentis Express C18, 2.7 μ m, 3.0 x 100 mm

Mobile Phase: A: Acetonitrile
B: 0.1% Phosphoric acid in Water

Gradient:

Time (min)	% A	% B
0.0	40	60
5.0	70	30
10.0	90	10
15.0	90	10
25.0	95	5
25.1	40	60
27.0	40	60

Flow Rate: 0.8 mL/min

Wavelength: 220 nm

Sample Name: BA116-20250517

Acquired: May.17, 2025

Peak #	Ret Time	Area %
1	6.040	0.3334
2	8.354	0.1411
3	10.654	0.1414
4	10.946	0.2110
5	11.389	0.3903
6	11.819	92.9452
7	12.532	1.5743
8	12.606	3.3490
9	13.051	0.1750
10	13.108	0.1028
11	13.562	0.1116
12	13.970	0.1257
13	14.303	0.1468
14	15.421	0.1332
15	15.632	0.1192

¹H NMR

Instrument: JEOL ECZ400S

Solvent: Choloform- D

