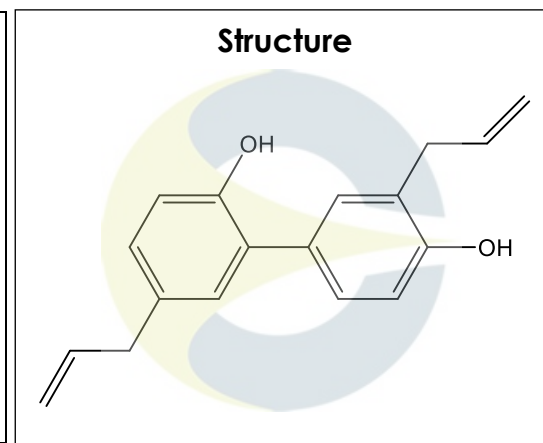


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<b>PRODUCT NAME</b>	Honokiol
<b>PART NUMBER</b>	00008330
<b>STANDARD TYPE</b>	Primary (P)
<b>LOT NUMBER</b>	00008330-142
<b>REPORT NUMBER</b>	CDXA-RSS-8920-00
<b>SAMPLE NUMBER</b>	CDXP-20-00241
<b>DATE OF SAMPLE</b>	04/13/2020
<b>DATE OF REPORT</b>	05/19/2020



<b>CHEMICAL NAMES</b>	3',5'-di-2-propen-1-yl-[1,1'-Biphenyl]-2,4'-diol
<b>CHEMICAL FORMULA</b>	C <sub>18</sub> H <sub>18</sub> O <sub>2</sub>
<b>MOLECULAR WEIGHT (MW)</b>	266.33
<b>CHEMICAL FAMILY</b>	Phenolics
<b>CAS NUMBER</b>	[35354-74-6]
<b>EC#(EINECS)</b>	609-119-8
<b>RTECS</b>	NA

**ANALYTICAL RESULTS**

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	NA	99.8%
HPLC	0.700.10.2.METH22	NA	99.8%
NMR	0.700.12.4	Conforms to structure	Conforms to structure
Mass Spectrum	0.700.12.27	Conforms	Conforms
Residual Solvent*	USP <467>	NA	ND
Water	0.700.12.37	NA	ND
Appearance	NA	NA	Light tan powder

\*Testing performed at an ISO 17025 accredited subcontracted laboratory.  
 ADJUSTED PURITY: 99.8% IS BASED ON (100 - 0.0 SOLVENTS - 0.0 WATER) X 99.8% HPLC

**STORAGE CONDITIONS**

<b>STORAGE</b>	+4 °C in a dry place.
<b>EXPIRATION DATE</b>	04/2025 under the above conditions.



Digitally signed by  
 Elizabeth Hughes  
 Date: 2020.05.19  
 11:07:35 -06'00'

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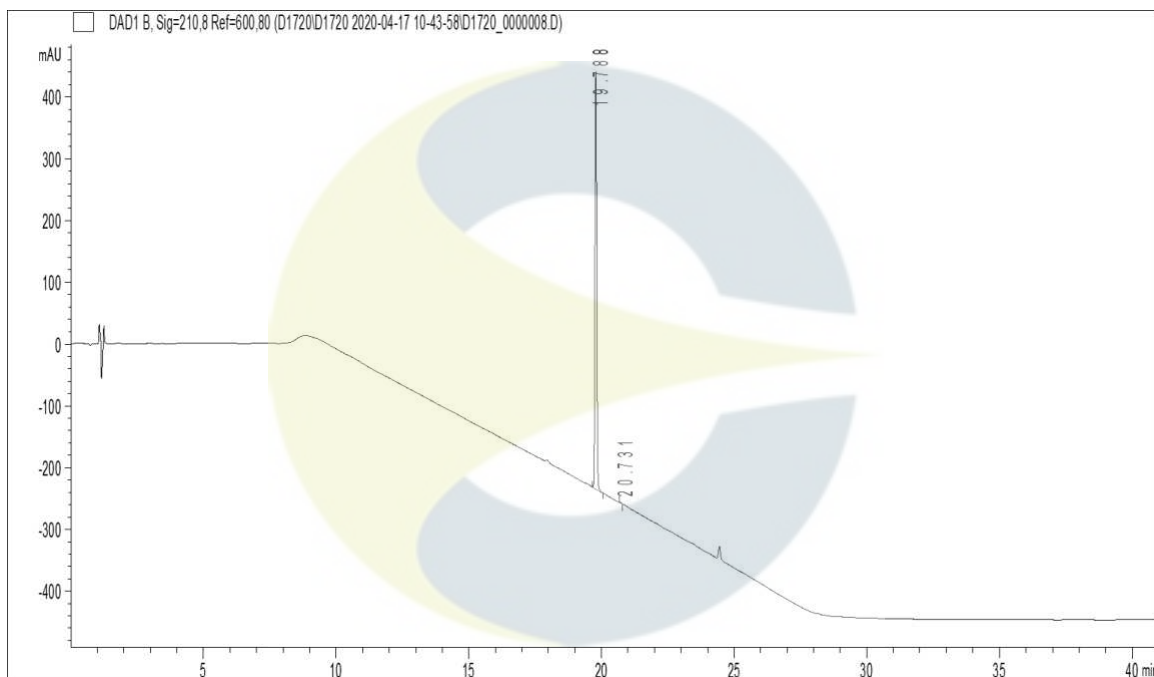
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### ANALYTICAL CONDITIONS

<b>INSTRUMENT</b>	AGILENT 1260 HPLC UV-VIS (DAD); AB-SCIEX 6600 TRIPLE TOF
<b>COLUMN</b>	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
<b>MOBILE PHASE</b>	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes, then decreasing to 5% B over 1 minute.
<b>COLUMN TEMP.</b>	60 °C
<b>FLOW RATE</b>	0.4 mL/minute
<b>INJECTION VOL.</b>	0.1 µL
<b>INJECTION CONC.</b>	1.1 mg/mL in Methanol
<b>DETECTION</b>	210 ± 4 nm

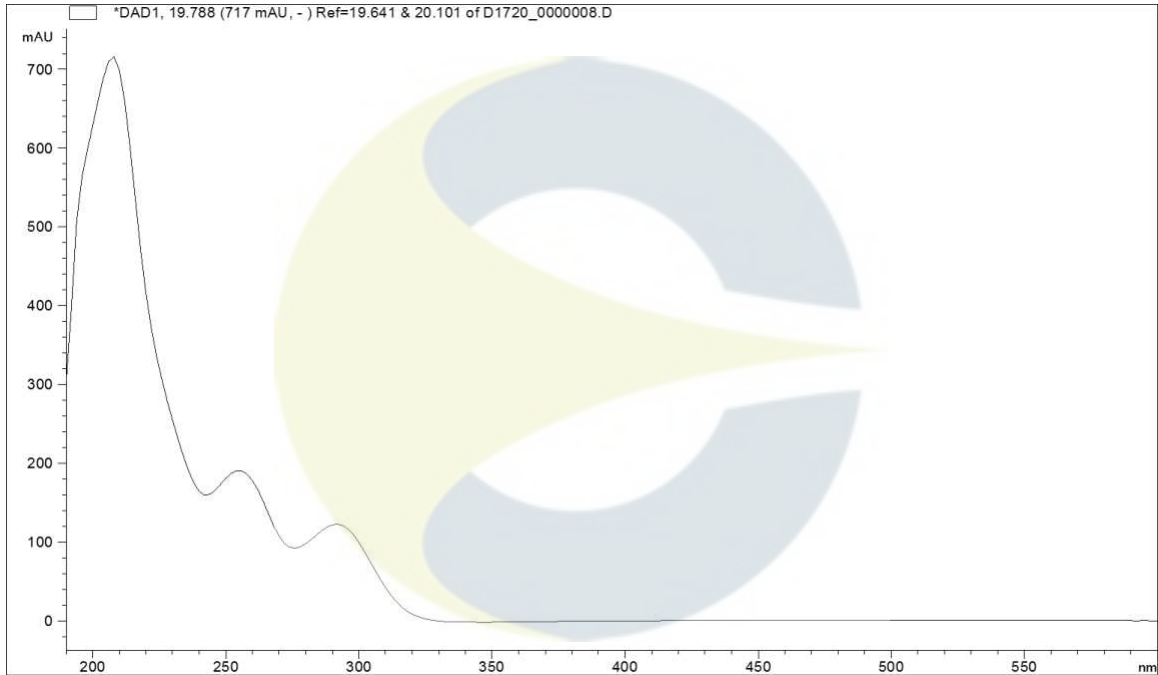
### HPLC CHROMATOGRAM OF HONOKIOL (CDXP-20-00241)



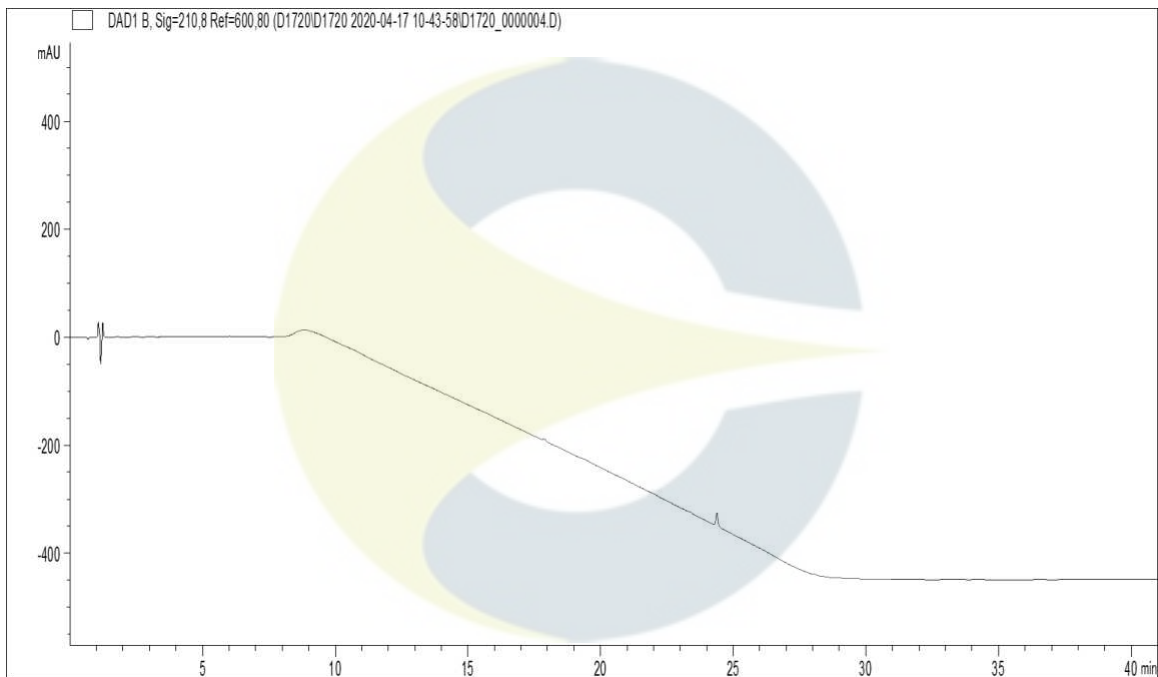
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**UV SPECTRUM AT RT 19.8 MINUTES**



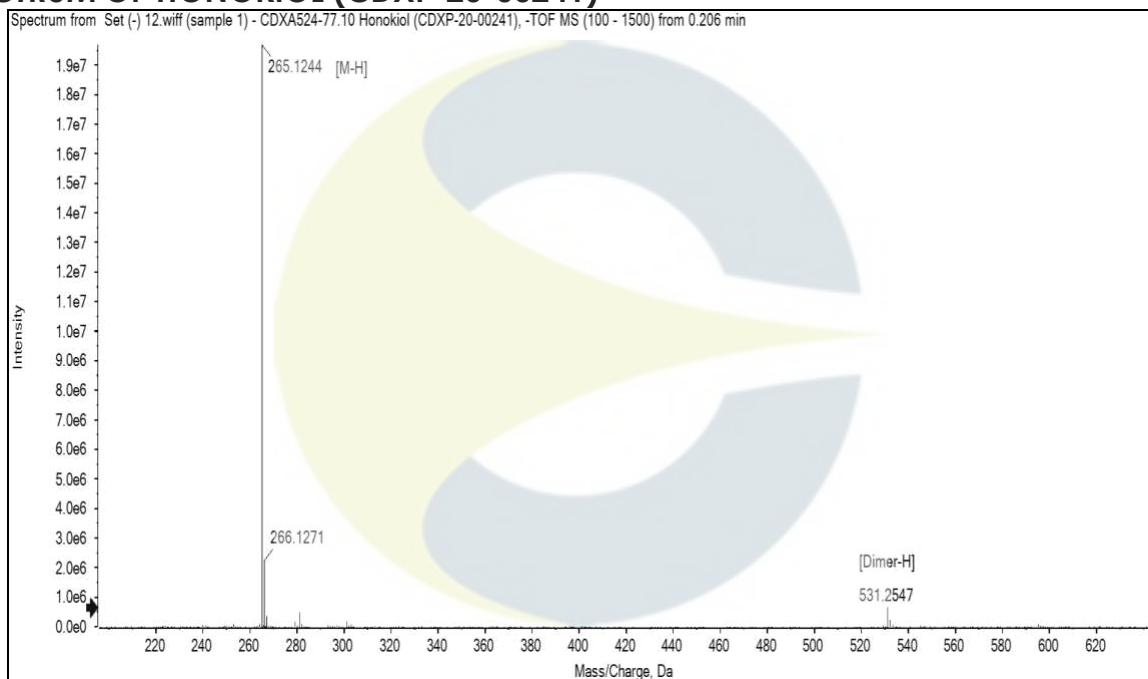
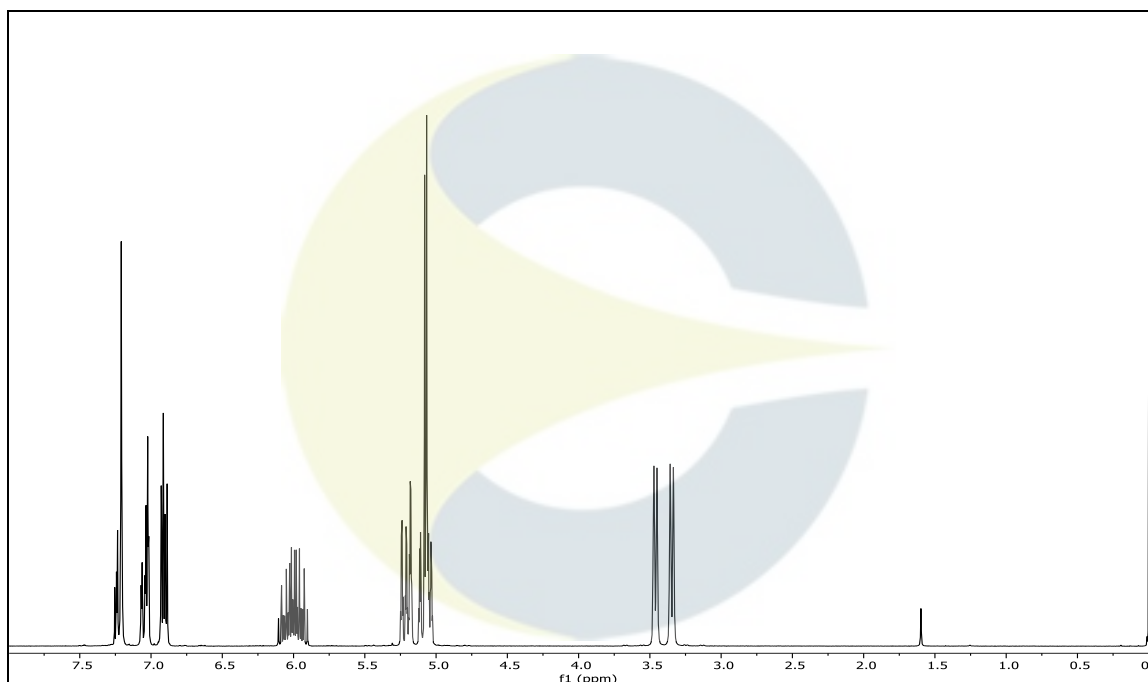
**HPLC CHROMATOGRAM OF DILUENT BLANK**



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 Laboratory address: 1751 S. Fordham St., Suite 350, Longmont, CO 80503

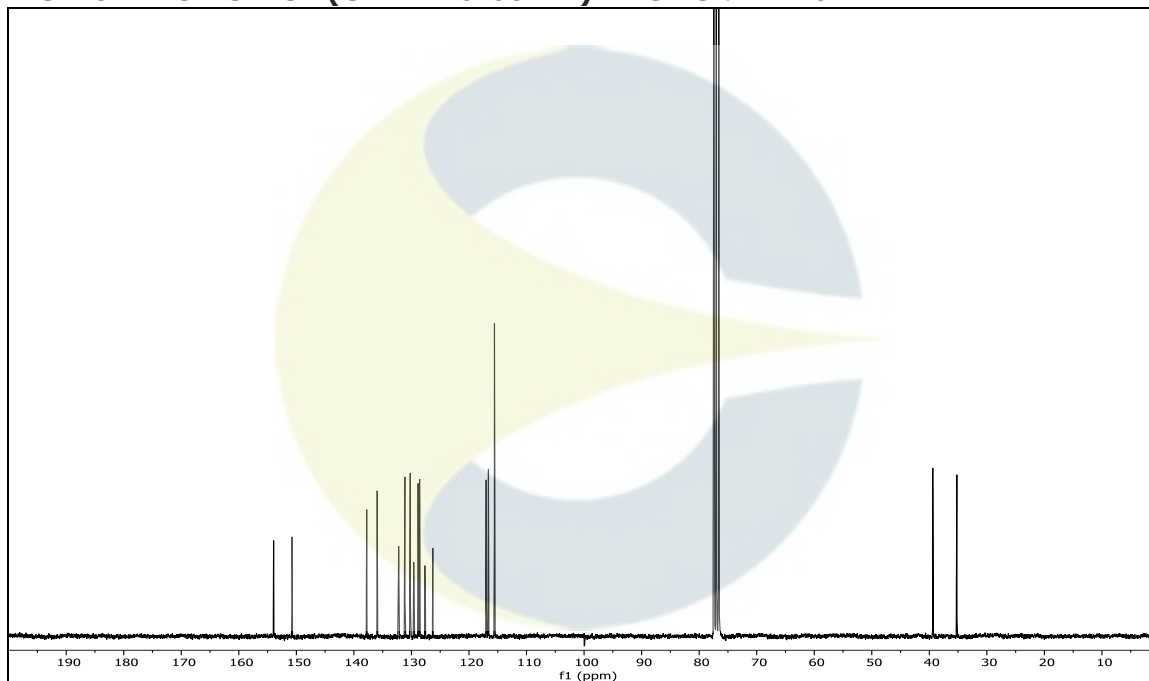
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 Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)

**MASS SPECTRUM OF HONOKIOL (CDXP-20-00241)**

**<sup>1</sup>H-NMR SPECTRUM OF HONOKIOL (CDXP-20-00241) IN CDCl<sub>3</sub> + TMS**


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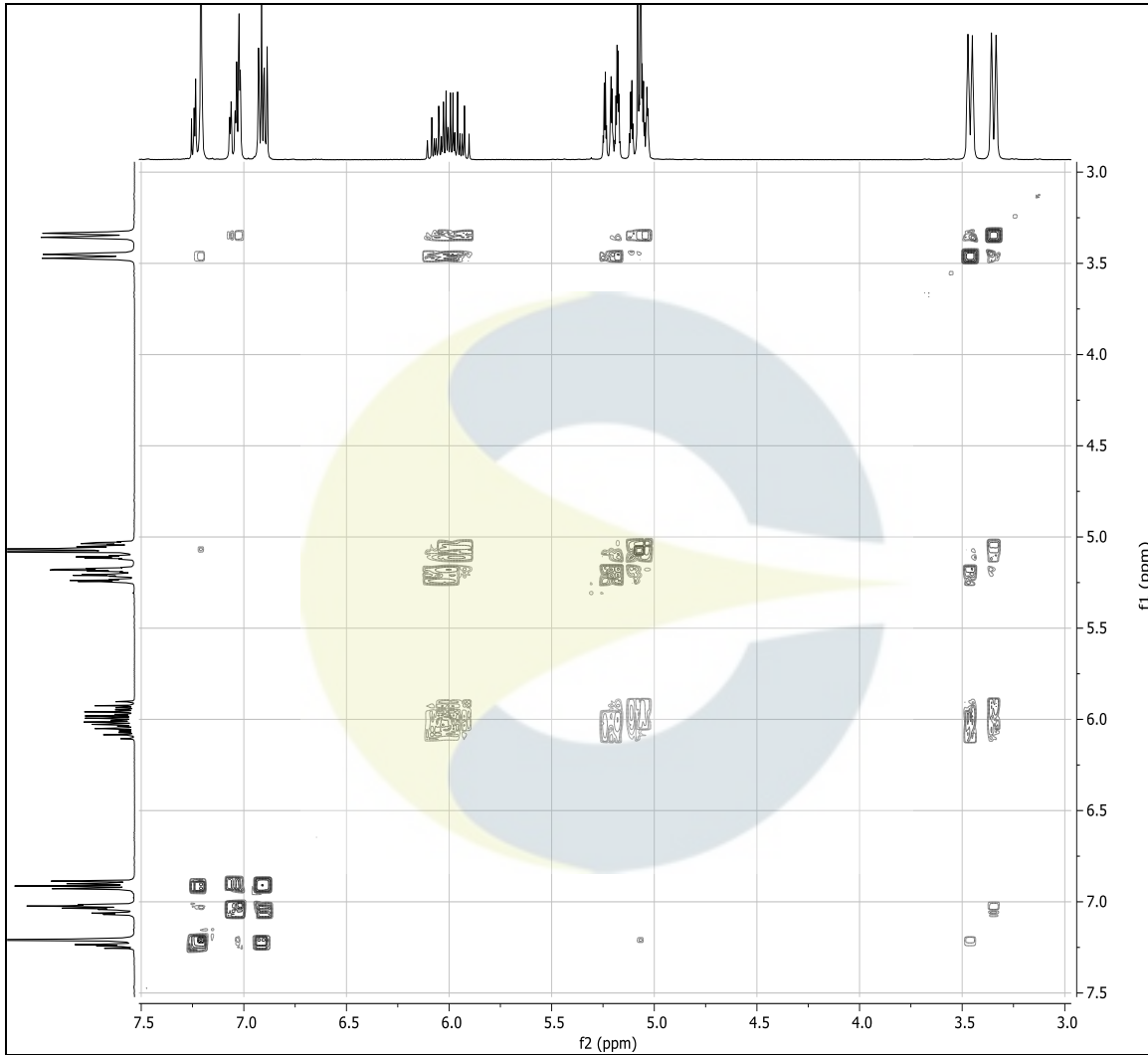
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**<sup>13</sup>C-NMR SPECTRUM HONOKIOL (CDXP-20-00241) IN CDCl<sub>3</sub> + TMS**

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**COSY-NMR SPECTRUM OF HONOKIOL (CDXP-20-00241) IN CDCl<sub>3</sub> + TMS**

**REVISION HISTORY**

Revision History	Date of Revision	Document/Changes
00	05/19/2020	New report

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