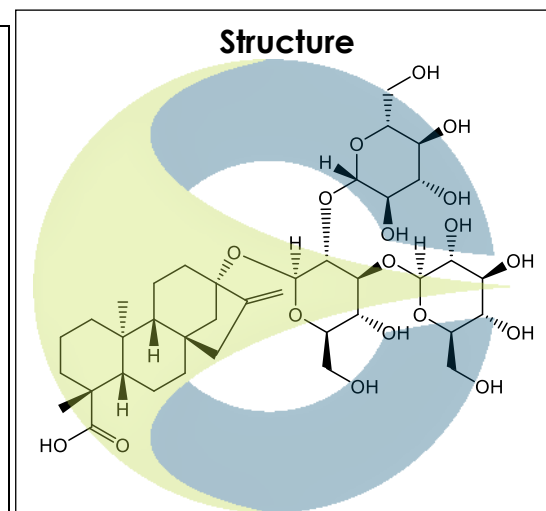


**Certificate of Analysis**

For Laboratory Use Only

<b>PRODUCT NAME</b>	Rebaudioside B
<b>PART NUMBER</b>	00018227
<b>STANDARD TYPE</b>	Primary (P)
<b>LOT NUMBER</b>	00018227-501
<b>REPORT NUMBER</b>	CDXA-RSS-5810-04
<b>SAMPLE NUMBER</b>	CDXP-13-6071
<b>DATE OF SAMPLE</b>	09/06/2013
<b>DATE OF RE-EVALUATION</b>	06/11/2018 (1 <sup>st</sup> ); 05/02/2022 (2 <sup>nd</sup> )
<b>DATE OF REPORT</b>	06/07/2022



<b>CHEMICAL NAMES</b>	(4 $\alpha$ )-13-[(O- $\beta$ -D-Glucopyranosyl-(1 $\rightarrow$ 2)-O-[ $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 3)]- $\beta$ -D-glucopyranosyl)oxy]-kaur-16-en-18-oic acid; Stevioside A4
<b>CHEMICAL FORMULA</b>	C <sub>38</sub> H <sub>60</sub> O <sub>18</sub>
<b>MOLECULAR WEIGHT (MW)</b>	804.87
<b>CHEMICAL FAMILY</b>	Diterpene glycosides
<b>CAS NUMBER</b>	[58543-17-2]
<b>EC#(EINECS)</b>	817-151-0
<b>RTECS</b>	NZ8174750

**ANALYTICAL RESULTS**

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	≥ 85%	87.2%
HPLC	0.700.10.2.METH86	≥ 90%	93.4%
NMR	99.1-CD-1.0-000122	Conforms to structure	Conforms to structure
Mass Spectrum	Direct Infusion, ESI (-)	Conforms	Conforms
Residual Solvent	99.1-CD-6.0-000115	NA	MeOH – 0.2%; EtOH – 0.3%
Water	0.700.12.37	NA	6.1%
Appearance	NA	NA	White powder

ADJUSTED PURITY: 87.2% IS BASED ON (100 - 0.5 SOLVENTS - 6.1 WATER) X 93.4% HPLC

**STORAGE CONDITIONS**

<b>STORAGE</b>	-20 °C in a dry place.
<b>EXPIRATION DATE</b>	05/2027 under the above conditions.

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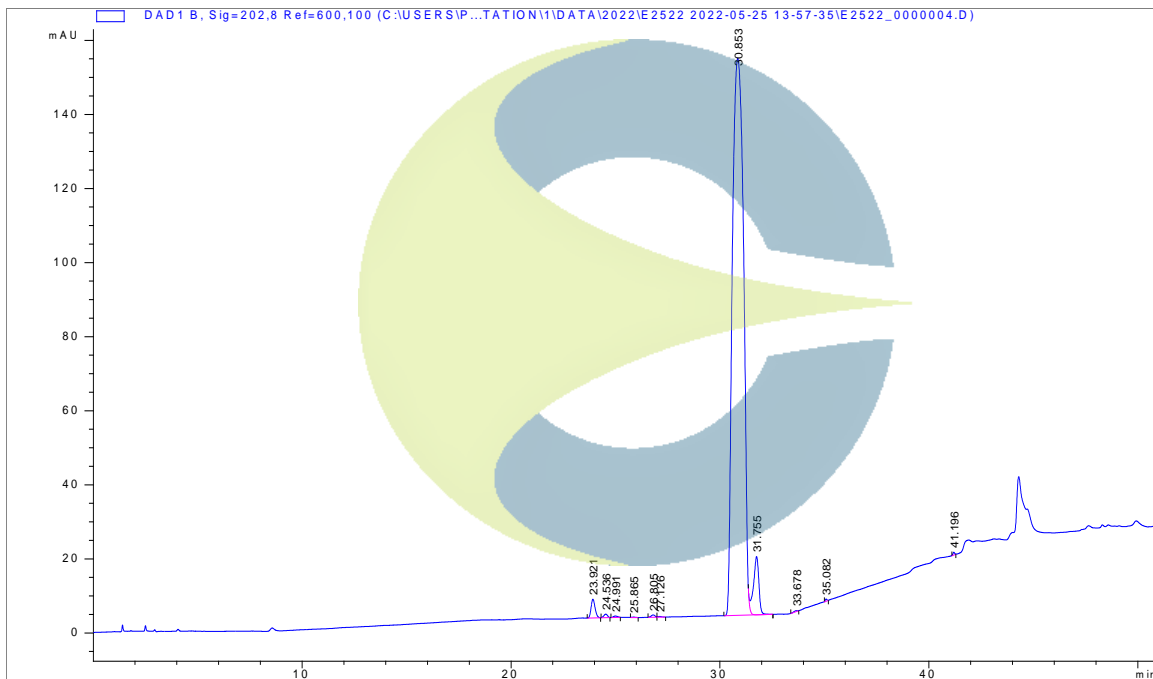
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## ANALYTICAL CONDITIONS

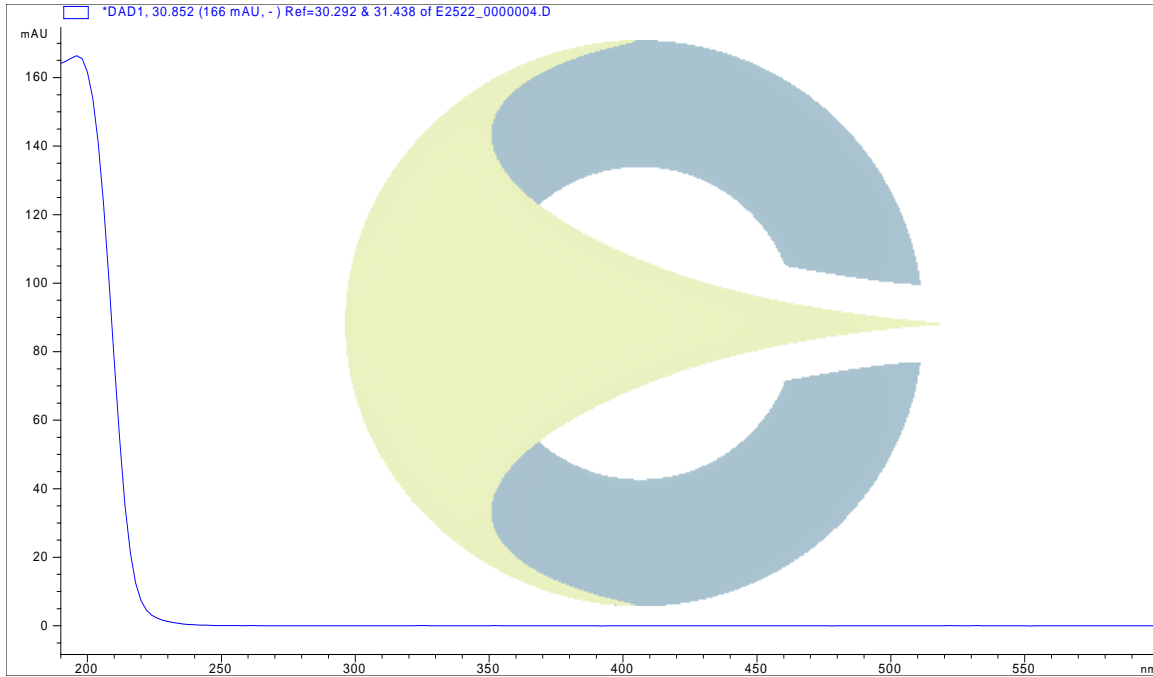
<b>INSTRUMENT</b>	AGILENT 1260 HPLC UV-VIS (DAD); AGILENT 6510 QTOF
<b>COLUMN</b>	Phenomenex Synergi Hydro RP 80A 250 x 4.6 mm, 4 µm particle size
<b>MOBILE PHASE</b>	A – Ultrapure water, B - Acetonitrile; Isocratic 20% B for 5 minutes, then increasing to 30% B over 10 minutes, then increasing to 35% B over 15 minutes, then increasing to 80% over 10 minutes, then increasing to 90% over 5 minutes, hold at 90% for 5 minutes, then decreasing to 20% over 1 minute.
<b>COLUMN TEMP.</b>	60 °C
<b>FLOW RATE</b>	1.0 mL/minute
<b>INJECTION VOL.</b>	10 µL
<b>INJECTION CONC.</b>	1.2 mg/mL in (7:3) Ultrapure Water: Acetonitrile
<b>DETECTION</b>	202 ± 4 nm

## HPLC CHROMATOGRAM OF REBAUDIOSIDE B (CDXP-13-6071)

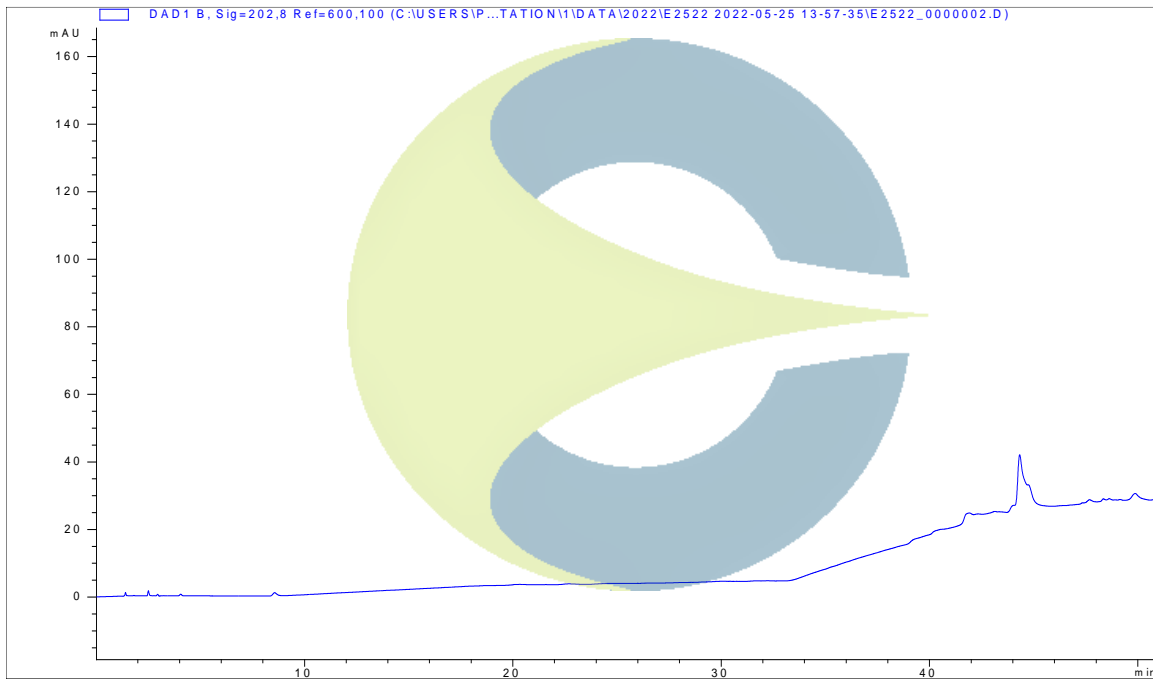


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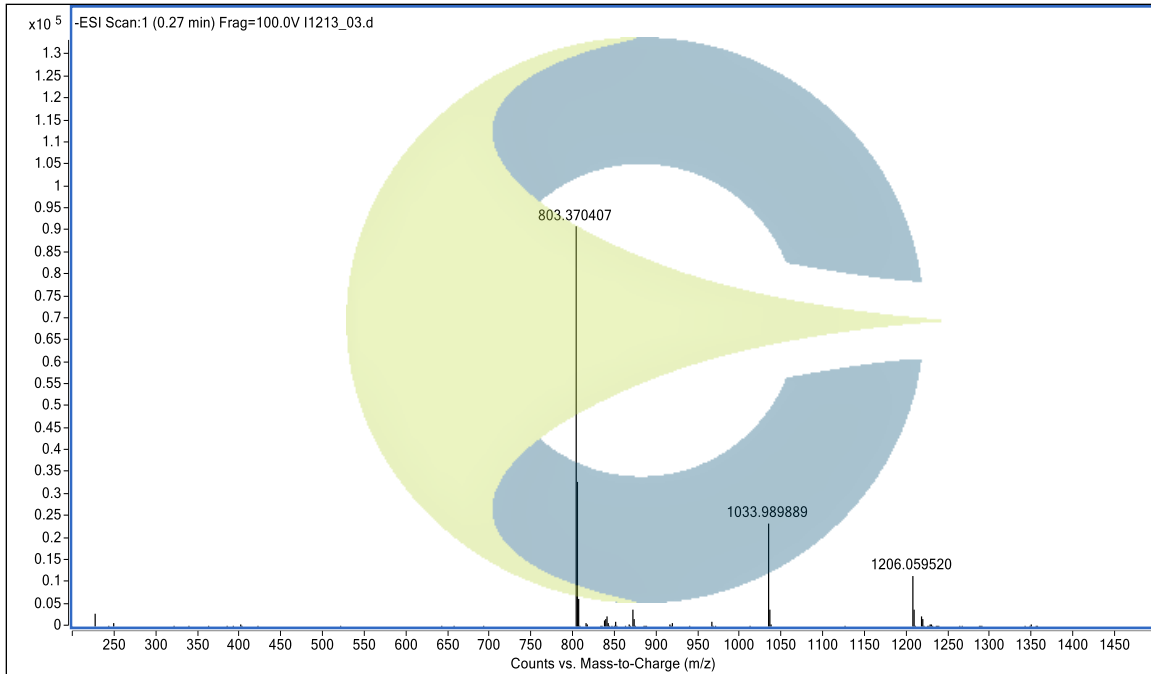
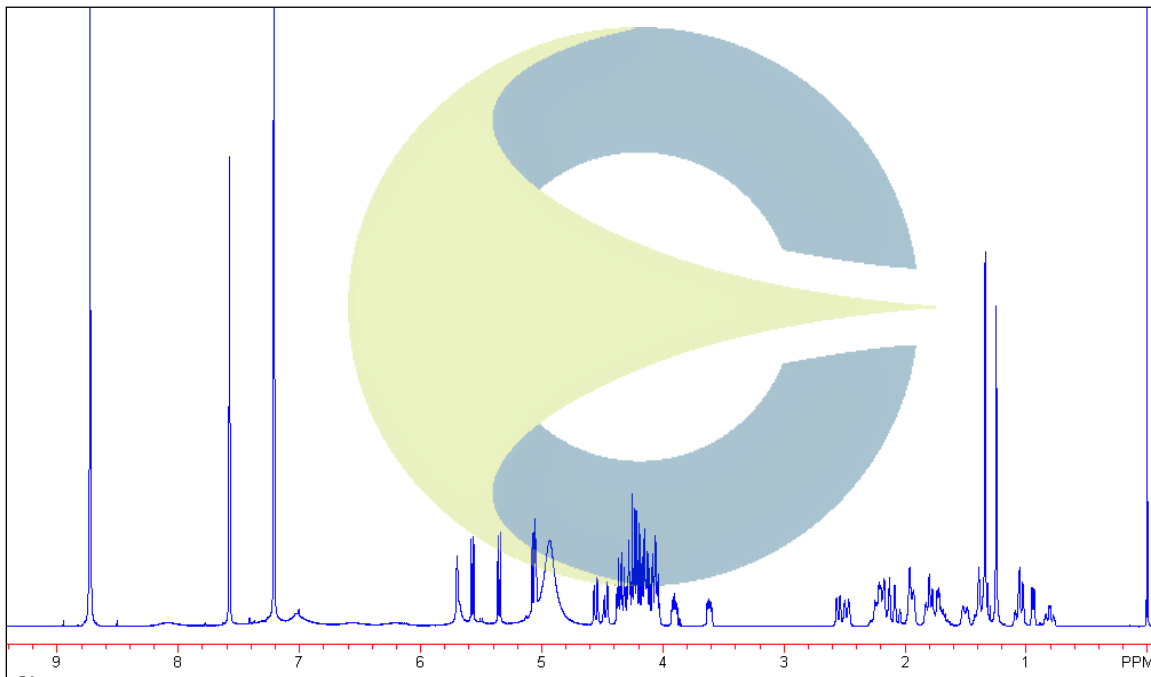
**UV SPECTRUM AT RT = 30.9 MINUTES**



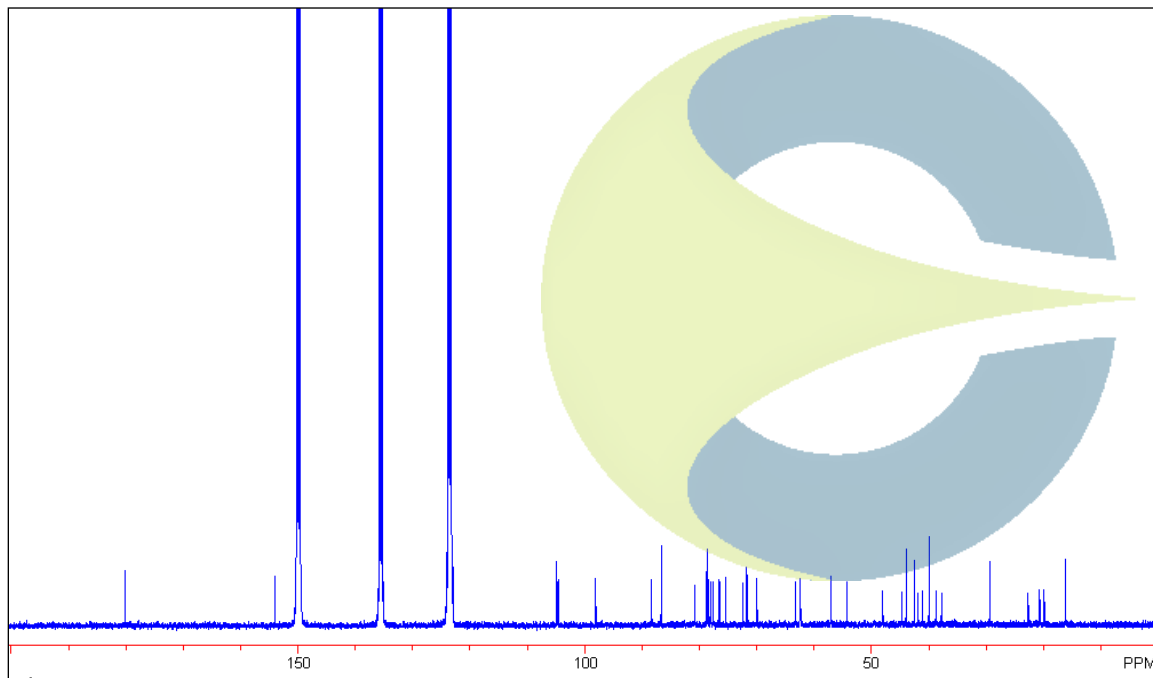
**HPLC CHROMATOGRAM OF DILUENT BLANK**



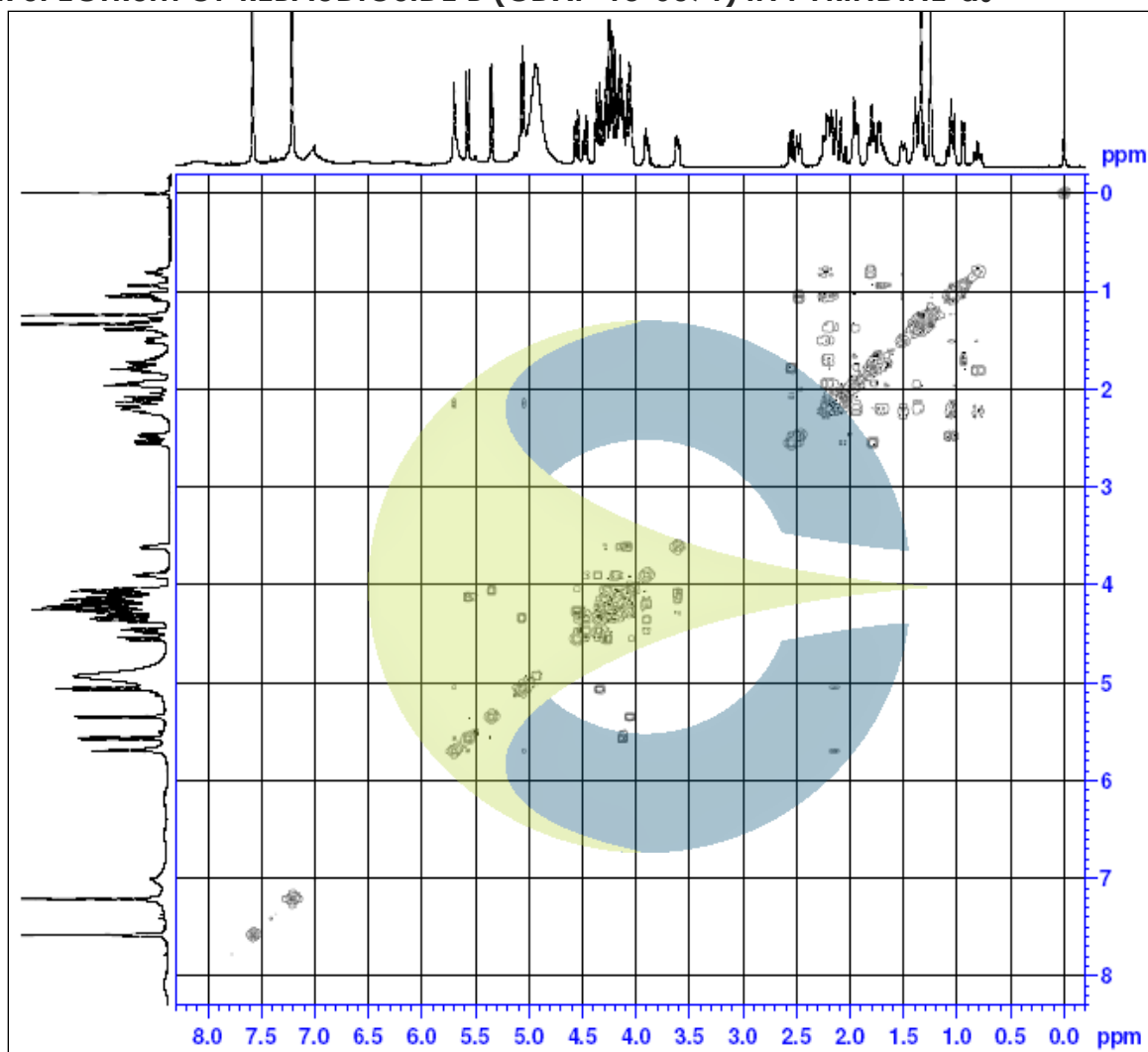
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**MASS SPECTRUM OF REBAUDIOSIDE B (CDXP-13-6071)****<sup>1</sup>H-NMR SPECTRUM OF REBAUDIOSIDE B (CDXP-13-6071) IN PYRIDINE-d<sub>5</sub>**

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**<sup>13</sup>C-NMR SPECTRUM OF REBAUDIOSIDE B (CDXP-13-6071) IN PYRIDINE-d<sub>5</sub>**

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**COSY-NMR SPECTRUM OF REBAUDIOSIDE B (CDXP-13-6071) IN PYRINDINE-*d*<sub>5</sub>**

**REVISION HISTORY**

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	10/07/2013	New report
01	07/02/2018	Passed reevaluation by HPLC and KF. Updated analytical results, analytical conditions, chromatograms, chemical structure, and expiration date. Added RTECS. Removed Melting point.
02	01/27/2020	Revision. Corrected adjusted purity.
03	03/25/2020	Revision. Corrected CAS number.
04	06/07/2022	Passed re-evaluation by HPLC and KF. Updated analytical results, analytical conditions, chromatograms, EC#, and expiration date.

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