

Certificate of Analysis



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SPECIMEN

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PRODUCT NAME Salicylic acid benzyl ester Structure **PART NUMBER** 00019038 **STANDARD TYPE** Analytical Standard (AS) OH LOT NUMBER 00019038-J01 **REPORT NUMBER** CDXA-RSS-2904-02 **SAMPLE NUMBER** CDXA-08-1259 DATE OF SAMPLE 06/12/2008 DATE OF RE-EVALUATION 05/09/2013 (1st); 07/30/2018 (2nd); 06/02/2022 (3rd) DATE OF REPORT 06/16/2022 2-Hydroxy-benzoic acid phenylmethyl ester; Benzyl-2-hydroxybenzoate; Benzyl CHEMICAL NAMES salicylate **CHEMICAL FORMULA** $C_{14}H_{12}O_{3}$ 228.24 MOLECULAR WEIGHT (MW) **CHEMICAL FAMILY** Phenolic acids **CAS NUMBER** [118-58-1]

EC#(EINECS)	204-262-9
RTECS	VO1750000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
GC	0.700.10.2.METH140	≥ 75%	99.7%
Mass Spectrum	0.700.10.2.METH140	Conforms	Conforms
Appearance	NA	NA	Oil

STORAGE CONDITIONS

STORAGE +4 °C in a dry place.

EXPIRATION DATE 06/2027 under the above conditions.

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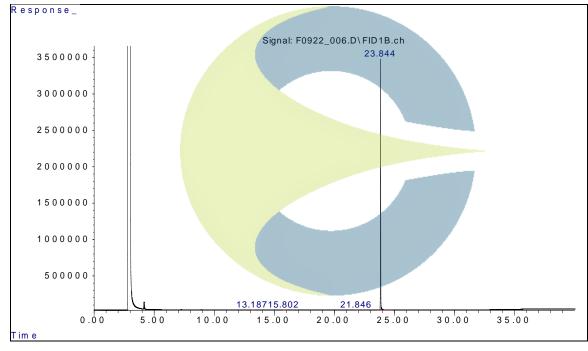
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ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 7890B GC FID AND 5977B MSD	
COLUMN	Phenomenex Zebron ZB-5plus, 30 m x 0.32 mm x 0.25 µm	
CARRIER GAS	Helium	
COLUMN TEMP.	Isothermic 40 °C for 5.0 minutes, then increasing at 10.0 °C/minute to 340 °C. Hold at 340 °C for 5.0 minutes.	
FLOW RATE	2.0 mL/minute	
INJECTOR TEMP.	300 °C	
INJECTOR SPLIT RATIO	20:1	
INJECTION VOL.	1.0 μL	
INJECTION CONC.	1.6 mg/mL in Methanol	
DETECTION	FID (300 °C) & MSD (Transfer line 280 °C, Source 230 °C, Quad 150 °C)	

GC CHROMATOGRAM OF SALICYLIC ACID BENZYL ESTER (CDXA-08-1259)



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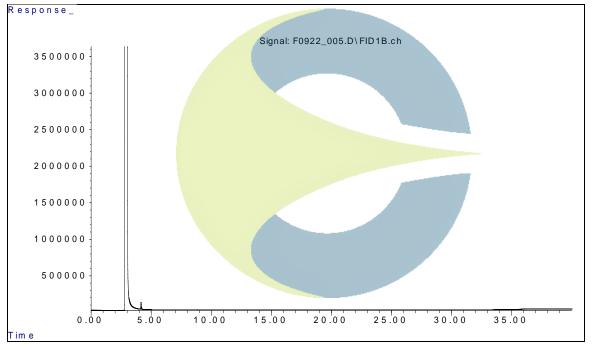


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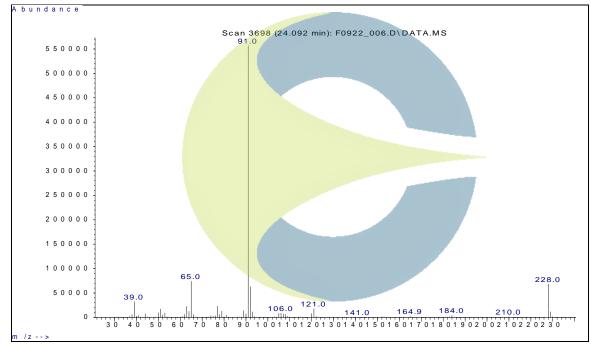
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GC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF SALICYLIC ACID BENZYL ESTER (CDXA-08-1259)



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REVISION HISTORY

<u>Revision History</u>	Date of Revision	Document/Changes
00	05/31/2013	New report and passed first re-evaluation by GC. Updated expiration date.
01	08/16/2018	Passed re-evaluation by GCMS. Updated chromatograms, spectra, expiration date, Analytical Conditions and Results. Added TIC and TIC of blank. Removed Melting Point.
02	06/16/2022	Passed re-evaluation by GCMS. Updated chromatograms, spectra, expiration date, Analytical Conditions and Results.

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