



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

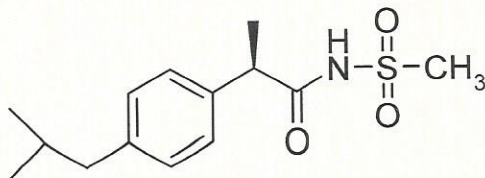
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Cat No.: 19-903

<u>Product:</u>	Reparixin
<u>Synonym:</u>	N-[2-(4-Isobutyl-phenyl)-propionyl]-methane sulfonamide
<u>Lot Number:</u>	0906039
<u>Appearance:</u>	White Powder
<u>Chemical Formula:</u>	$C_{14}H_{21}NO_3S$
<u>Molecular Weight:</u>	283.39
<u>Melting Point:</u>	105-108°C
<u>Solubility:</u>	Soluble in Chloroform
<u>Storage:</u>	Room Temperature
<u>Purity (HPLC):</u>	99.29%





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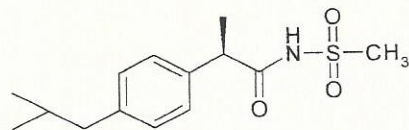
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Cat. No.: 19-903
Product: Raparixin
(N-[2-(4-Isobutyl-phenyl)-propionyl]-
methane sulfonamide)
Lot No.: 0906039

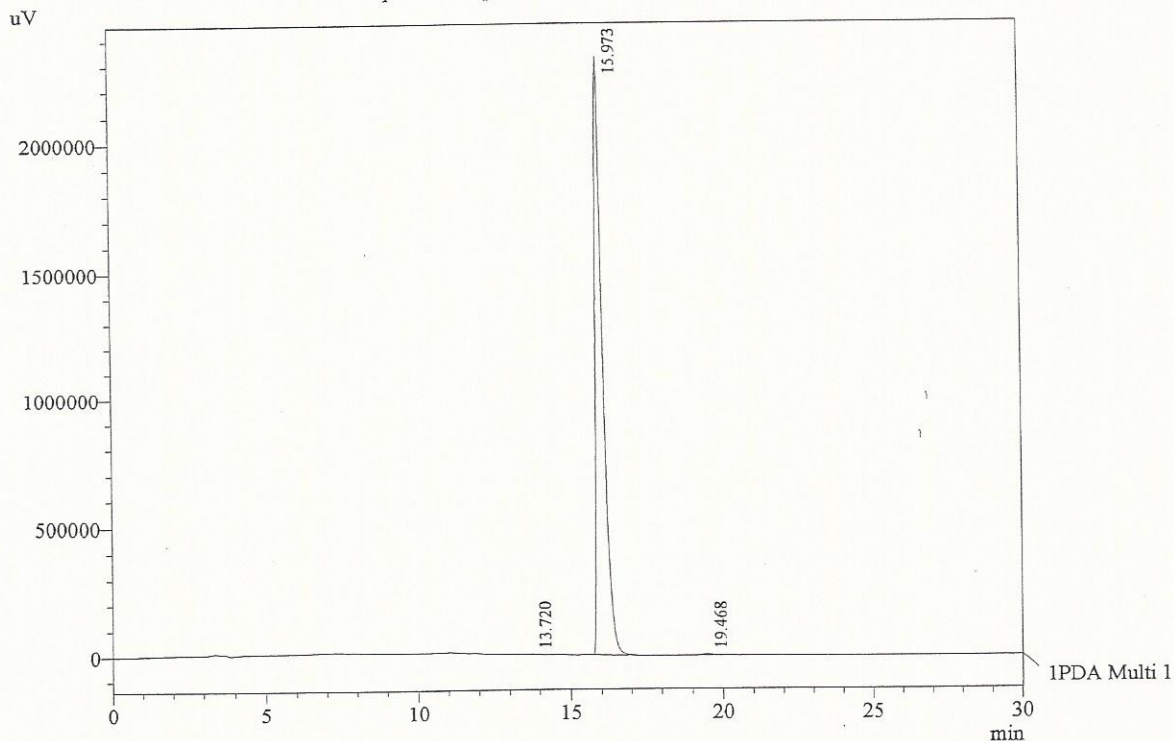
Date Acquired : 6/1/2009 2:36:26 PM
Acquired by : Ramana
Sample Name : Reparixin
Sample ID : Final
Injection Volume : 20 μ L
Data Filename : 010609E.lcd
Method Filename : Linear Gradient.M.lcm



Reparixin

Description:
Column : Inertsil C-18, 250X4.6mm 5.0 μ m
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
25.00 : 10 : 90
28.00 : 90 : 10

Chromatogram
Reparixin D:\promonence\2009\Jun-09\010609E.lcd

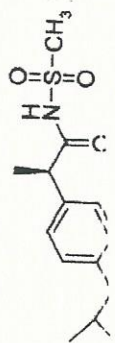


1 PDA Multi 1 / 230nm 4nm

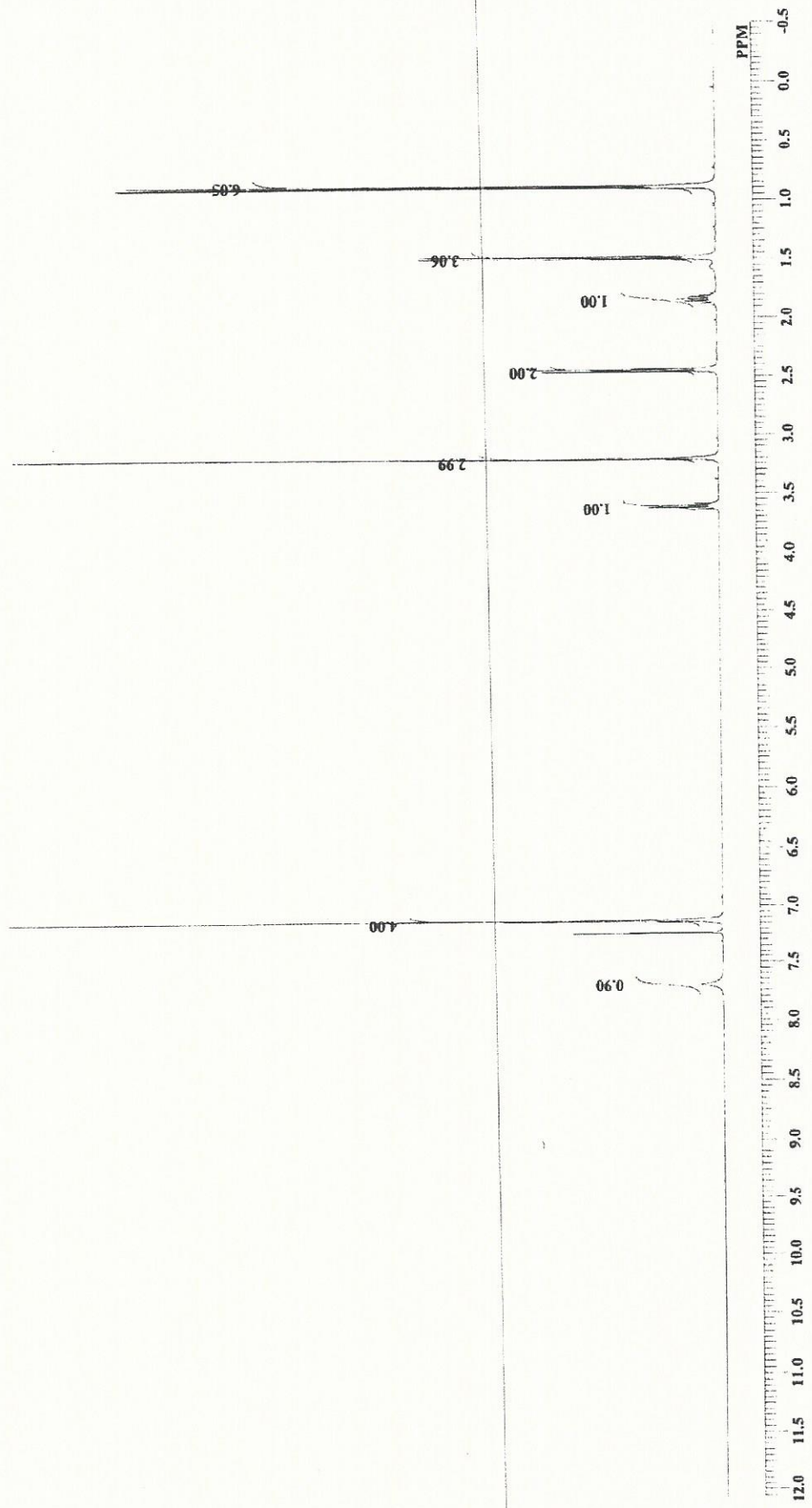
PeakTable
Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	13.720	98147	3497	0.248
2	15.973	39301421	2330292	99.287
3	19.468	184008	6150	0.465
Total		39583576	2339939	100.000

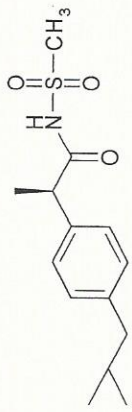
Repa-F 1H NMR CDCl3



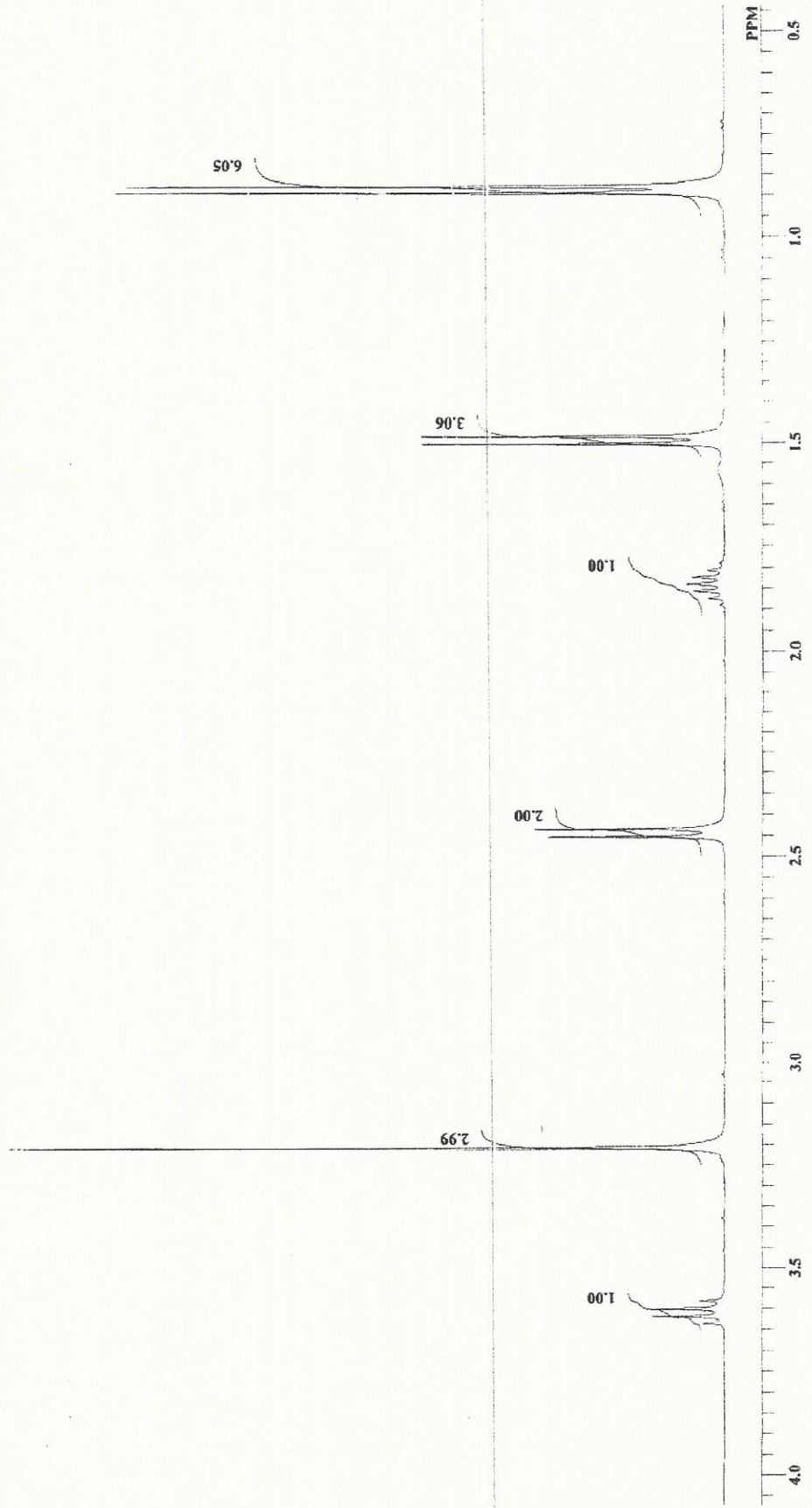
Reparixin



Repa- F 1H NMR CDCl3

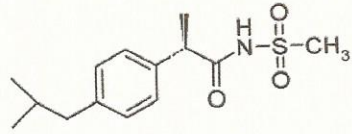
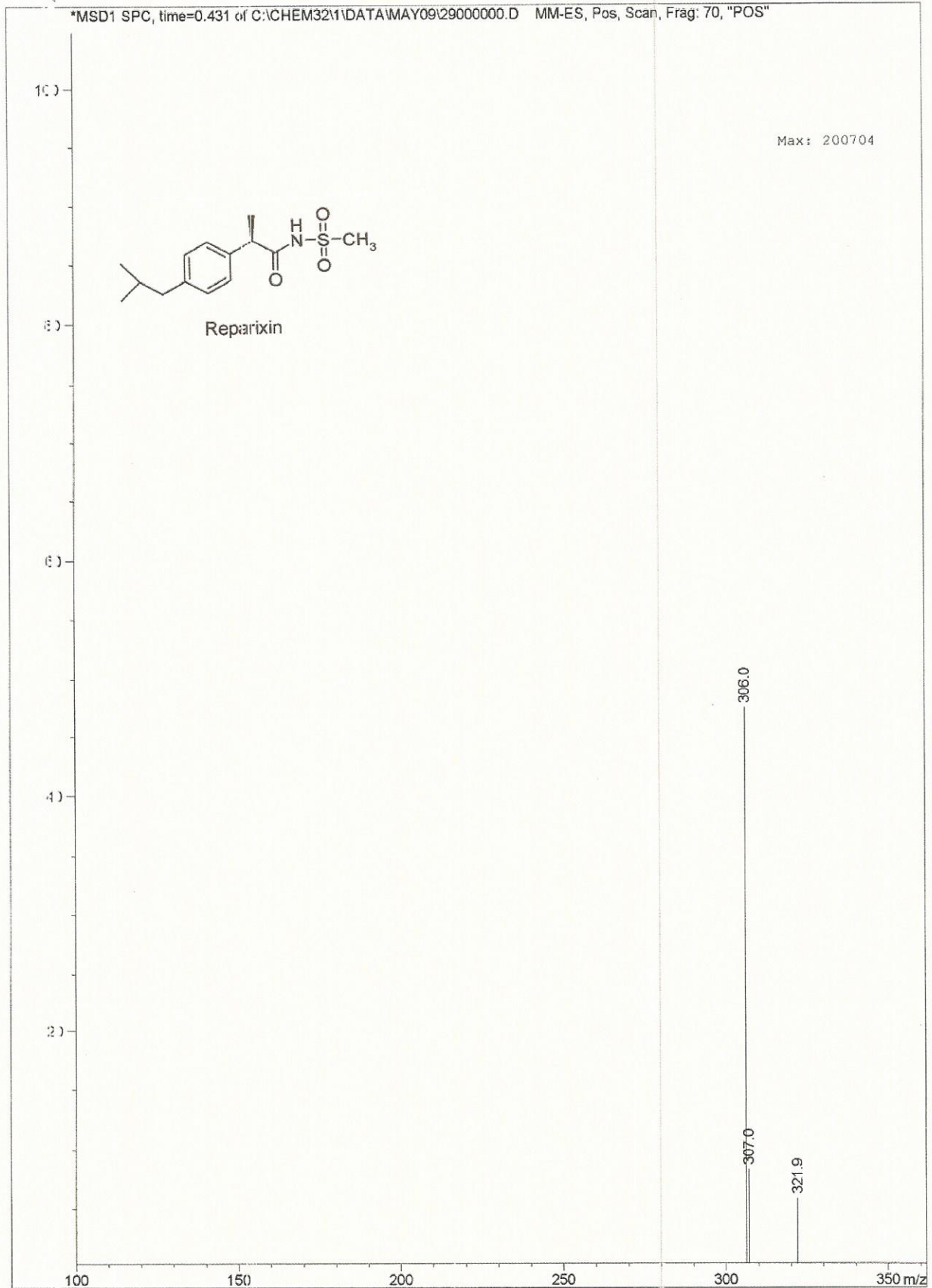


Reparixin



MS Spectrum

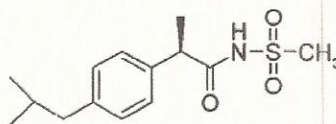
*MSD1 SPC, time=0.431 of C:\CHEM321\DATA\MAY09\29000000.D MM-ES, Pos, Scan, Frag: 70, "POS"



Reparixin

SOR

[Comment]
 Sample Name REPA-FINAL (280509A)
 Comment 1% IN METHANOL
 User RR
 Division R&D
 Company -----



Reparixin

[Data Information]
 Creation Date 5/28/2009 4:27 PM

[Measurement Information]
 Instrument Name P-2000
 Model Name P-2000
 Serial No. A017061232
 Polarizer Dichrom
 Faraday Cell Flint Glass

Accessory PTC-203
 Accessory S/N A004161234

Light Source Na
 Monitor wavelength 589 nm
 D.I.T. 5 sec
 No. of cycle 5
 Cycle interval 5 sec
 Temp. Monitor Holder
 Temp. Corr. Factor 0
 Aperture(i) 8.0mm
 Aperture(l) Auto
 Mode Specific O.R.
 Path Length 100 mm
 Concentration 1.00067 w/v
 Factor 1

[Comment]
 Sample Name REPA-FINAL (280509A)
 Comment 1% IN METHANOL
 User RR
 Division R&D
 Company -----

	No.	Sample No.	Mode	Calc. Data	Meas. Data	Temperature(C)
1	*	REPA-FINAL-1	Specific O.R.	60.9392	0.6098	19.99
2	*	REPA-FINAL-2	Specific O.R.	61.0291	0.6107	19.99
3	*	REPA-FINAL-3	Specific O.R.	61.1191	0.6116	19.98
4	*	REPA-FINAL-4	Specific O.R.	60.9592	0.6100	19.98
5	*	REPA-FINAL-5	Specific O.R.	60.9891	0.6103	19.98
6	*	Avg.		61.0071		
7		S.D		0.0712		
8		C.V		0.1166		