HPLC Application

ID No.: **21871**

Analysis of Phenylbutazone on Kinetex 2.6u XB-C18 50x2.1 by LC-MS-MS API 4000

Column: Kinetex® 2.6 µm XB-C18 100 Å, LC Column 50 x 2.1 mm, Ea
Dimensions: 50 x 2.1 mm ID
Order No: 00B-4496-AN
Elution Type: Gradient
Eluent A: 0.1% Formic Acid in DI Water
Eluent B: 0.1% Formic Acid in Methanol

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	50	50
2	0.5	50	50
3	2	5	95
4	3.5	5	95
5	3.51	50	50
6	5	50	50

Flow Rate: 0.45 mL/min
Col. Temp.: 45 °C
Detection: Mass Spectrometer (MS) @ amu (ambient)
Detector Info: <a target="_blank" href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<,

Analyst Note: Mass spec conditions:

API 4000, ESI TurboIon Spray, + Ionization;

CAD:	6.00
CUR:	20.00
GS1:	50.00
GS2:	50.00
IS:	5500.00
TEM:	600.00
ihe:	ON
DP	50.00
EP	10.00

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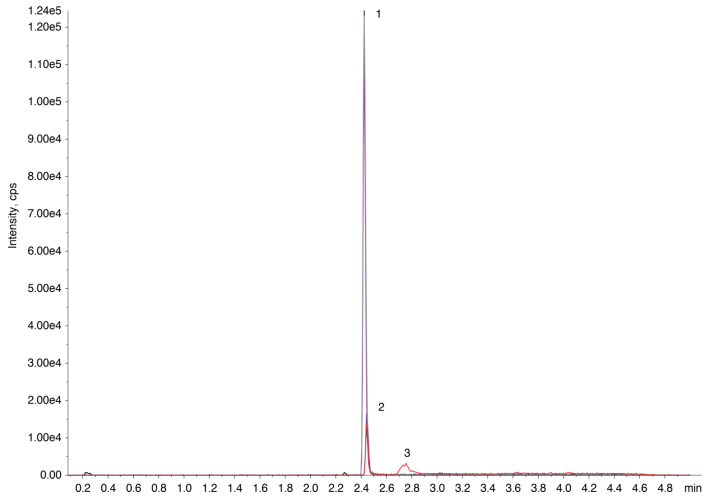

Products used in this application:

For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.

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ANALYTES:

1 Phenylbutazone

2 Phenylbutazone-d10

3 impurity