

# 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"

**Analyst Note:** href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<

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

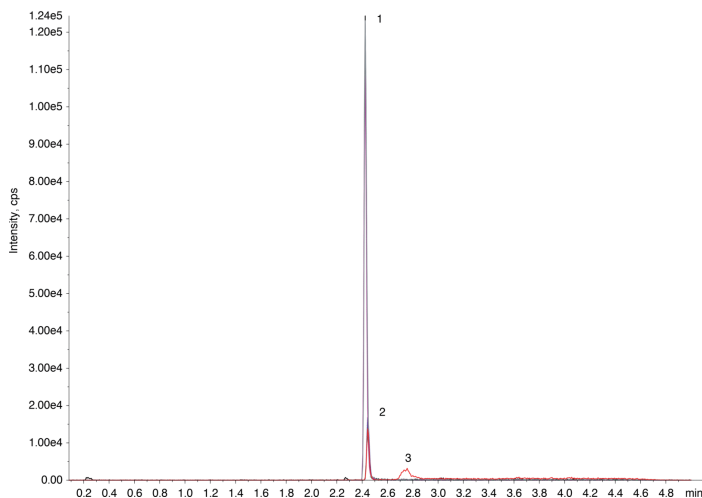
DP: 50.00

EP: 10.00

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Products used in this application:



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### ANALYTES:

- 1 Phenylbutazone
- 2 Phenylbutazone-d10
- 3 impurity

