

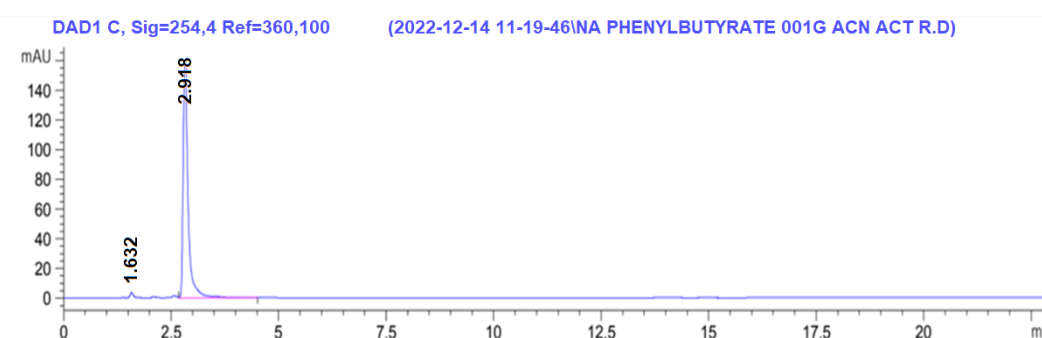
Certificate of Analysis

16.12.2022

Product Name: **Sodium 4-Phenylbutyrate**
 Chemical formula: $C_{10}H_{11}NaO_2$
 Formula weight: 186.186
 Cas-No.: 1716-12-7

Producer: Canchema UAB
 Lot No: PB22-12
 Best use before: 12.2024
 Storage: In a cool, dry place. Avoid sunlight

TEST	SPECIFICATION	RESULT	ANALYSIS METHOD
Sodium 4-Phenylbutyrate	>99%	99.341%	HPLC analysis



Signal 2: DAD1 C, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.632	VB	0.0216	8.14177	2.73435	0.659
2	2.918	VB	0.1154	1235.47452	160.75430	99.341

Totals : 1243.61629 163.48865

The HPLC analysis was performed using the Agilent 1260 Infinity (Agilent Technologies, Waldbronn, Germany) HPLC system. 10 mg of sample was weighed, and mixed with 1 mL of acetonitrile, 0.1 mL of glacial acetic acid was added, acetonitrile was added for the suspension to reach 1,5 mL. Chromatographic separation was performed on a reverse-phase column ZORBAX Eclipse XDB (C18, 5 μ m particle size, 150x4.6 mm) with column temperature set at 25 °C. The elution/isocratic mode was set to be 65% H₂O with 0.01% TFA (trifluoroacetic acid), 35% acetonitrile with 0.01% TFA, flow rate – 1mL/min, analysis time - 25 min. The UV detection wavelength was at 254 nm. The flow rate was set at 1.0 mL/min and the injection volume was 1 μ L.

Canchema UAB warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this analysis report.

If you have any questions regarding quality analysis, please contact via e-mail.