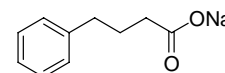




PRODUCT: P0876
 Trade Name: **4-Phenylbutyric acid sodium salt**
 Synonyms: Sodium phenylbutyrate

Molecular Formula: C₁₀H₁₁NaO₂
 Formula Weight: 186.19
 CA-Registry-No.: 1716-12-7
 EINECS-Number: n.a.
 RTECS: n.a.

P0876



PHYSICAL PROPERTIES (literature data):

melting point: -
 boiling point: -
 density: -
 flash point: > 100 °C

SAFETY DATA/TRANSPORT:

Custom Tariff Code: 2916 39 00

Dangerous goods: **No**

Primary Label:

Secondary Label:

UN-Number:

Class:

Packing Group:

Kemler#:

GGVSee-EmS:

PSN (See+Luft):

R/S-Sentences: R: 36/37/38
 S: 22-24/25

SPECIFICATION:

Appearance: off-white to slightly yellowish powder
 Assay: 98.0 - 102.0 % (w/w HPLC)
 Identity: IR-spectrum conforms, HPLC corresponds to reference standard
 Water Content: max. 0.5 % (retest max. 2.0%)
 Heavy Metals: max. 20 ppm
 pH-Value (2%, aqueous solution) 6.5 - 7.5
 Residual Solvents: Methanol: max. 200 ppm, Acetone: max. 200 ppm
 Impurities: 4-Cyclohexylbutyric acid: max. 0.1 % (w/w, GC); α-Tetralone: max. 0.01 % (w/w, HPLC); 3-Benzoylpropionic acid: max. 0.05 % (retest max. 0.1 %) (w/w, HPLC); other impurities: max. 0.05 % (w/w, HPLC); sum of all impurities: max. 0.2 % (retest max. 0.3 %) (w/w)

APPLICATION: Weak HDAC Inhibitor, induces differentiation, growth arrest and apoptosis in a number of cell
STORAGE: Store in a dry place. Protect from light. Cover with protective gas (e.g. Argon) before closing bottle
DATE OF ISSUE: 28. 09. 2006 Directive 92/32/EEC: Art 2 (2): 10

The information submitted in this publication is based on our current knowledge and experience