

Certificate Of Analysis

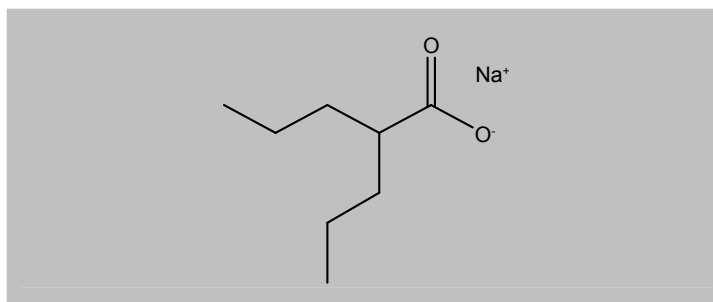
Quality Control Testing and Research Application

COA Preparation Date: 24/09/2013
COA Revision Date: 24/09/2016

Product: Valproic acid sodium
Cat. No.: BG0351
Batch No.: 0351BG/01
Chemical Name: Sodium 2-propylpentanoate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₈H₁₅NaO₂
Batch Molecular Weight: 166.19
CAS No.: [1069-66-5]
Physical Appearance: White powder
Melting Point: 220° C
Solubility: Soluble to 50 mg/ml in water
Storage: RT
Batch Molecular Structure:



Product Description: Anti-convulsant that binds to and inhibits GABA transaminase. Is also an effective therapy for bipolar disorder (BPD). Also a potent Histone deacetylase (HDAC) inhibitor.

References: 1. Gurvich and Klein (2002) Pharmacol Ther 96:45; 2. Kuendgen et al. (2006) Cancer 106:112

- CAUTION - Not fully tested. For Research use only. Not for human use. –



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BG0351 Valproic acid sodium

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Heavy Metals: < 10 ppm (complies); HPLC Assay: 99.9% (complies).

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