

# Certificate of Analysis



## Product Identification

Catalog number HB1399  
Compound name Sodium butyrate  
Chemical name Butyric acid sodium salt

Batch number E0703-1-1  
Batch molecular formula  $C_4H_7NaO_2$   
Batch molecular weight 110.09

## Chemical Structure

## Method

## QC requirement

## QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 28.5%
NMR	$^1H$ NMR in $D_2O$ at 400 MHz consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in Water (100 mM)	Meets specification

## Biological validation

Produced by

Signature

Passed by

Signature

Date

#####

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

19-Oct-2017