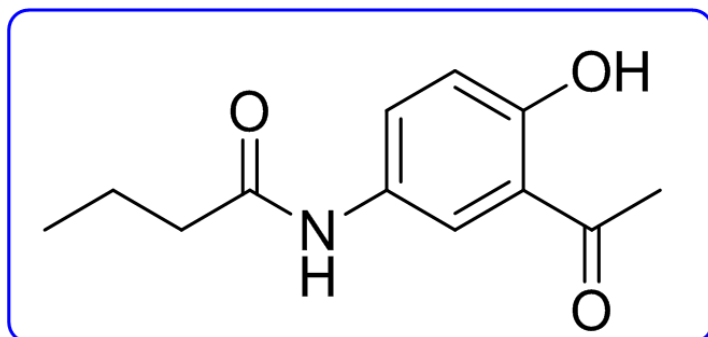


## CERTIFICATE OF ANALYSIS

### Certified Reference Standard

#### Acebutolol EP Impurity C

#### N-(3-Acetyl-4-hydroxyphenyl)butanamide



Product Number:

CAS Number: 40188-45-2

Lot Number:

Molecular Formula: C<sub>12</sub>H<sub>15</sub>NO<sub>3</sub>

Molecular Weight: 221.25 g/mol

Long-term Storage: 2-8 °C

Appearance: Off White Solid

Melting Point: N.A.

Assay Purity: NLT 97%

Sr.#	Test	Results	Data ref.
1	<sup>1</sup> H NMR	Conform	Report attached
2	Mass	Conform	Report attached
3	IR	Conform	Report attached

**Manufacturing Date:** August-2017

**Expiration Date:** August-2019

This certificate is valid for two years from the date of manufacturing provided the substance is stored under the recommended conditions.