

Status: Currently Official on 14-Feb-2025  
Official Date: Official Prior to 2013  
Document Type: Reagents  
DocId: GUID-B15F80AD-D4BF-4351-97C5-42CCB9D8AB88\_1\_en-US  
DOI: [https://doi.org/10.31003/USPNF\\_R1306\\_01\\_01](https://doi.org/10.31003/USPNF_R1306_01_01)  
DOI Ref: th1zd

© 2025 USPC  
Do not distribute

## Butyrolactone

(Dihydro-2-(3H)-furanone,  $\gamma$ -butyrolactone)

86.1 CAS RN<sup>®</sup>: 96-48-0.—Clear, colorless to practically colorless, oily liquid. Miscible with

water. Soluble in methanol and in ether.

**BOILING RANGE (721)**: between 193° and 208°.

**REFRACTIVE INDEX (831)**: about 1.435, at 20°.

**SPECIFIC GRAVITY (841)**: between 1.128 and 1.135.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
BUTYROLACTONE	<a href="#">Documentary Standards Support</a> Associate Scientific Liaison.	HDQ Headquarters

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. Information currently unavailable

**Current DocID:** [GUID-B15F80AD-D4BF-4351-97C5-42CCB9D8AB88\\_1\\_en-US](#)

**DOI:** [https://doi.org/10.31003/USPNF\\_R1306\\_01\\_01](https://doi.org/10.31003/USPNF_R1306_01_01)

**DOI ref:** [th1zd](#)

OFFICIAL