



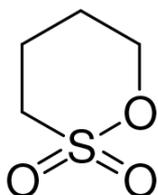
# SPECIFICATION

**S 294**

Version 12 / 14.11.2022

<b>Code No.</b>	13671
<b>CAS No.</b>	1633-83-6
<b>Chemical Name</b>	<b>1,4-Butane sultone</b> 1,2-Oxathiane-2,2-dioxide

Structure



<b>Molecular Formula</b>	C <sub>4</sub> H <sub>8</sub> O <sub>3</sub> S
<b>Molecular Weight</b>	136.17
<b>Product Properties</b>	<b>Appearance</b> Colourless to slight-yellowish viscous liquid
	<b>Assay (Area%)</b> ≥ 99.0 (GC)
	<b>Water (%)</b> ≤ 0.1 (KF)
	<b>Acid (%)</b> ≤ 0.1 (as HBSA)
	<b>Chloride (%)</b> ≤ 0.01
<b>Storage</b>	Cool, dry, tightly closed, durability 24 months
<b>Application</b>	Intermediate for organic syntheses

*Changes in comparison to previous issue: Layout*