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Product Specifications

***cis*-2-Butene-1,4-diol**

CAS 6117-80-2

Syn: (Z)-2-Butene-1,4-diol

Structure:



Mol. Formula
Source

C₄H₈O₂
Synthetic

Mol. Wt.

88.11

<i>Test</i>	<i>Specification</i>
Identity	IR
Appearance	Clear, colorless or pale yellow liquid
Bp	134 °C / 12 mm Hg
Mp	4 -10 °C [Lit.]
Assay (glpc)	
<i>cis</i> -2-Butene-1,4-diol	≥ 95.5%
Trans-2-butene-1,4-diol	≤ 3.0%
1,4-Butanediol	≤ 1.0%
2-Butyne-1,4-diol	≤ 0.5%
Ash (residue on ignition)	< 0.1%
d₂₀^{°C}	1.072 g / mL
RI, η_D^{20 °C}	1.477-1.48
Fp	127 °C

Storage: Maintain in cool, dry containment.