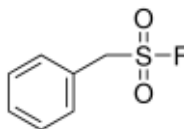


## Certificate of Analysis

Product Name:

Phenylmethanesulfonyl fluoride - ≥98.5% (GC)

**Product Number:** P7626  
**Batch Number:** BCCN4859  
**Brand:** SIGMA  
**CAS Number:** 329-98-6  
**Formula:** C<sub>7</sub>H<sub>7</sub>FO<sub>2</sub>S  
**Formula Weight:** 174,19 g/mol  
**Quality Release Date:** 01 JUL 2025  
**Recommended Retest Date:** JUN 2028



Test	Specification	Result
Appearance (Color)	White to Faint Yellow	White
Appearance (Form)	Powder or Crystals	Powder
Purity (GC)	≥ 98.5 %	99.7 %
Solubility (Color)	Colorless to Faint Yellow	Almost Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
0.2M in Isopropanol (139.2mg plus 4ml Isopropanol)		
<sup>1</sup> H NMR Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

