

# Certificate of Analysis



676991

Lot: 775336

**Benzyl mercaptan**

## 1. General Information

Formula	C <sub>7</sub> H <sub>8</sub> S	Expiry Date	01.12.2020
Mol. Weight	<b>124.20 g mol<sup>-1</sup></b>	Store at	20 °C
CAS-No.	100-53-8		

## 2. Batch Analysis

Assay	<b>99.6 %</b>	Uncertainty	± 0.5 %
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Certified on 01.12.2015

A handwritten signature in blue ink, appearing to read 'Dr. Schulze', is positioned above the printed name.

by Dr. Schulze

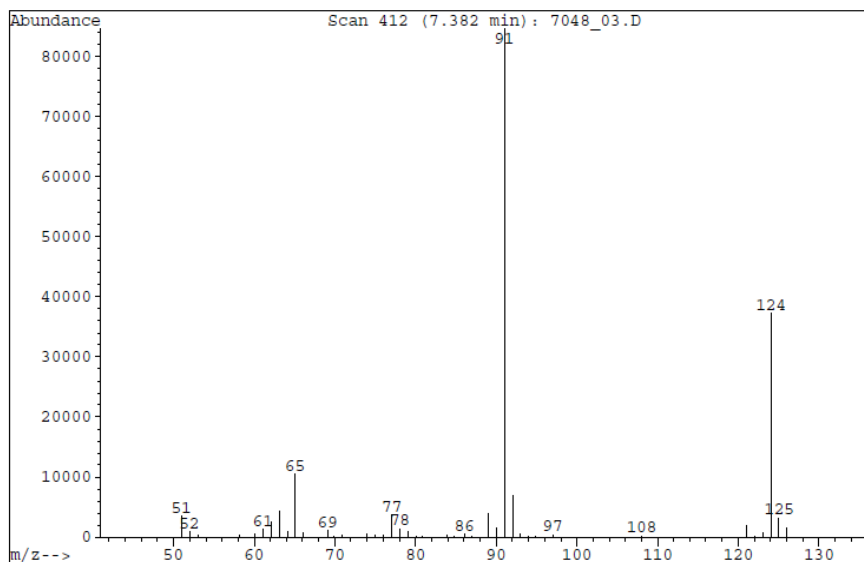
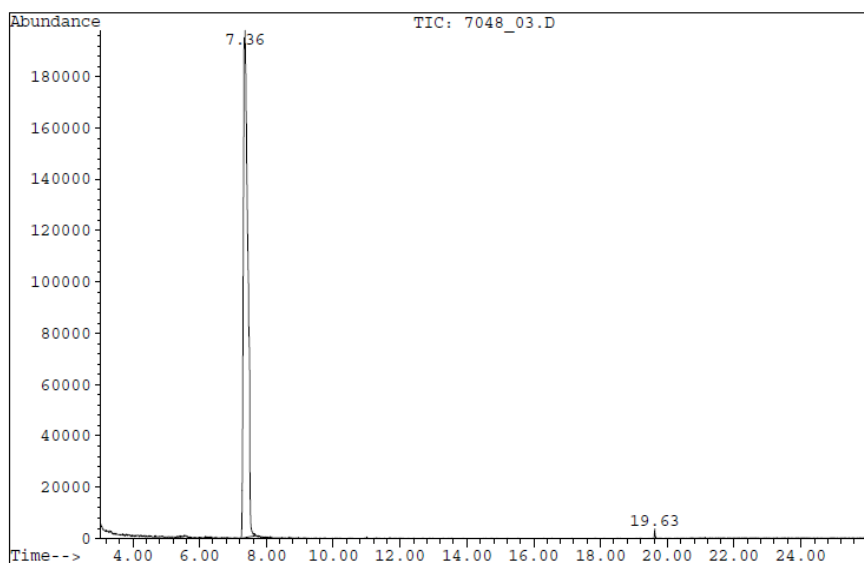
The reported uncertainty  $U$  is an expanded uncertainty according to EURACHEM / CITAC guide CG4 – Quantifying Uncertainty in Analytical Measurement – third edition and calculated  $U = k \cdot u_c$  using a coverage factor of  $k = 2$ , which gives a level of confidence of 95%.

The expiry date is based on the current knowledge and holds only for proper storage conditions in the originally closed flask. The information herein is believed to be correct, but is provided without warranty of any kind. The warranty for this product is limited to the purchasing price of this product.

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## GC

Article-No	676991	Inj.-temp.	250 °C
Lot-No	775336	Oven-temp.	70-250 °C
Column	BPX5, 25 m, 0.22 mm	Split	-
Flow	0.8 ml min <sup>-1</sup>	Inj.-Volume	1 µl
Detector	MS	Sample	0.1 mg ml <sup>-1</sup>



Retention Time	Area	Area %
Total Ion Chromatogram		
7.359	18427648	99.619
19.628	70541	0.381