

## Certificate of Analysis

**Product Name:** (±)-TRANS-1,3-DIPHENYLALLYL ACETATE  
97 %  
**Product Number:** 712973  
**Product Brand:** Aldrich  
**Molecular Formula:** C<sub>17</sub>H<sub>16</sub>O<sub>2</sub>  
**Molecular Mass:** 252.31  
**CAS Number:** 87751-69-7

TEST	SPECIFICATION	LOT BCBF7530V RESULTS
APPEARANCE (COLOR)	COLORLESS TO SLIGHTLY GREENISH-YELLOW	VERY FAINTLY GREENISH-YELLOW
APPEARANCE (FORM)	CLEAR TO CLEAR VISCOUS LIQUID	CLEAR VISCOUS LIQUID
PURITY (GC AREA %)	≥ 96.5 %	98.5 %
REFRACTIVE INDEX N20/D	1.581 - 1.583	1.583
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS

**QC RELEASE DATE** 25/JUL/11  
**RECOMMENDED RETEST DATE** JUL/14



Dr. Claudia Geitner  
Manager Quality Control  
Buchs, Switzerland

Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.