

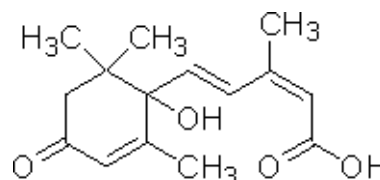
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
2-cis,4-trans-Abscisic acid – synthetic, 98%

**Product Number:** 862169  
**CAS Number:** 14375-45-2  
**MDL:** MFCD00075619  
**Formula:** C<sub>15</sub>H<sub>20</sub>O<sub>4</sub>  
**Formula Weight:** 264.32 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)

White to Light Yellow and Faint Orange  
to Light Orange and Faint Beige to Light Beige and Faint Brown to Light  
Brown

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

Carbon

66.5 - 69.9 %

Purity (HPLC)

≥ 97.5 %

Solubility (Turbidity)

Clear to Slightly Hazy

Solubility (Color)

Colorless to Very Dark Yellow

c = 50 mg/mL; Methanol

Specification: PRD.0.ZQ5.10000024857

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.