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## **Product Specification**

Product Name:

2,8,9-Triisopropyl-2,5,8,9-tetraaza-1-phosphabicyclo[3,3,3]undecane

Product Number: 556955

CAS Number: 175845-21-3
MDL: MFCD03701530
Formula: C15H33N4P
Formula Weight: 300.42 g/mol

H<sub>3</sub>C CH<sub>3</sub>
CH<sub>3</sub> N CH<sub>3</sub>
H<sub>3</sub>C N CH<sub>3</sub>

TEST Specification

Appearance (Color) Conforms to Requirements

White to Yellow (Moist Crystalline Solid) or Colorless to Yellow (Liquid)

Appearance (Form) Conforms to Requirements

Moist Crystalline Solid or Liquid

Infrared spectrum Conforms to Structure

Proton NMR Spectrum Conforms to Structure

Phosphorus NMR Spectra Conforms to Structure

Specification: PRD.1.ZQ5.10000054015

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. 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.