Specification

10/12/2024(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
T-PLUS Nihonbashi-Kodemmacho
16-12 Nihonbashi-kodemmacho, Chuo-ku, Tokyo 103-0001, Japan

Chemical Name: PTIO (=2-Phenyl-4,4,5,5-tetramethylimidazoline-3-oxide-1-oxyl) [Stable free radical reagent for the simultaneous determination of NO and NO_2 in the atmosphere]	
Product Number: A5440	CAS RN: 18390-00-6

Tests	Specifications
Appearance	Blue to Dark blue powder to crystal
Purity(Nonaqueous Titration)	min. 98.0 %
Lambda max.	358.0 to 362.0 nm(EtOH)
Molar extinction coefficient	min. 10,000(EtOH, 358.0 to 362.0 nm)

The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

Customer Service

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