

# Certificate of Analysis



**Product Name:** TCO-PNB Ester (equatorial)  
**Catalog Number:** CCT-1192  
**Lot Number:** 4512X  
**Manufacturing date:** 15 DEC 2021  
**Retest date:** 01 MAY 2029  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Slightly yellow solid	White to grey to yellow to beige solid
Purity		
HPLC, 210 nm	98.4%	≥ 95%
<sup>1</sup> H NMR	Confirms	In accordance with structure

Quality Assurance *Alexandra Kulyashova*

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Date: 01 MAY 2024

*Vector Laboratories certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.*