

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-15 10:22:05  
Date of Next Testing: 2026-03-14 10:22:05  
Product Name: **Pentaethylene glycol**  
CAS Number: 4792-15-8  
Specifications & Purity: 98%  
Lot #: C2212494  
SKU #: **P122110**  
**Analysis:** **063483**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.126-1.128	1.13
Purity(GC)	98-100 (%)	99.32 %
Refractive index n <sub>20</sub> /D	1.46-1.463	1.46
Appearance (P122110)	colorless to pale yellow liquid	colorless to pale yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager