

## Certificate Of Analysis

**Product No.** B602483  
**Product Name:** 1,2-Propanediamine  
**CAS NO.** 78-90-0  
**Lot No.** P229833  
**Inspection Date:** 2022-09-08  
**Reinspection Date:** 2024-09-07

**Test**  
Purity(GC)  
REFRACTIVE INDEX N20/D  
WATER BY KARL FISCHER  
APPEARANCE  
INFRARED SPECTRUM

**Specification**  
99%-100%  
1.445-1.447  
0%-0.5%  
COLORLESS LIQUID  
Conforms to Structure

