

## Certificate of Analysis

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**Product Name:** Polysorbate 20  
**Lot Number:** 29952  
**Manufacture Date:** December 22, 2022  
**Re-Test Date:** December 22, 2024  
**INCI Name:** Polysorbate 20

Specification	Parameter	Result
Appearance	Oily Liquid	Pass
Color (Gardner)	0 – 4	3
Hydroxyl Value	96 – 108	98
Saponification Value	40.00 – 50.00	46.10
Heavy Metals	< 20 ppm	Pass
Arsenic	< 2 ppm	Pass
Microbial Content	< 100 opg; No pathogens	Pass

**Mix Well Prior to Use; May Sediment on Standing**