

## Certificate of Analysis

**Product Description:** Tween® 20, molecular biology reagent  
**Catalog Number:** TWEEN201; TWEEN202  
**Lot:** Q1287

**Formula:** N/A  
**CAS #:** 9005-64-5  
**Physical Description:** Clear, Yellow to Amber Viscous Liquid

**Formula Weight:** N/A  
**Storage:** Room Temperature

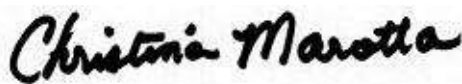
Test	Specification	Result
Appearance	Viscous pale yellow liquid	Viscous pale yellow liquid
Density (25°C)	1.09 - 1.12	1.109 g/ml
Specific Gravity	1.08 - 1.13	1.109
Water Content	≤3%	2.6%
Heavy Metals (as Pb)	<0.001%	<0.001%
RNAse, DNAse and Protease free	Passes	Passes
Expiration Date	Month/Day/Year	05/11/2016

This product will stay within specifications for three years from the date of this certificate when stored at the recommended storage conditions.

Arsenic: <0.0001%

Hydroxyl Number: 98 mgKOH/g

Residue On Ignition: <0.20%



12/17/2014 - Christina Marotta  
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