



## Certificate of Analysis

Product Name: Benzonitrile  
Grade: Reagent grade  
Chemical Formula: C<sub>7</sub>H<sub>5</sub>N  
Formula Weight: 103.12

Product Code: CP-C33834  
Lot #703CPB1595  
CAS# 100-47-0  
Density: ~1.0 g/mL

Analytical Results		
Item	Specifications	Analysis
Appearance	Colorless to pale yellow	Pass
Physical state	Liquid	Pass
Odor	Almond like odor	Pass
Assay	≥98.5%	99.9%
Water content ( Karl-Fisher )	≤0.5%	0.4%
Store at 0 – 8°C, refrigerate		
Retest Date	July 01, 2028	

C = 5.2Kg

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