

### Certificate of Analysis

Product Name: Aniline  
ACS reagent, >= 99.5 %  
Product Number: 242284  
Batch Number: STBJ6343  
CAS Number: 62-53-3  
Formula: C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub>  
Formula Weight: 93.13

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS TO DARK YELLOW TO DARK BROWN-YELLOW	COLORLESS
APPEARANCE (FORM) REM. ON APPEARANCE	LIQUID MATERIAL DARKENS IN STORAGE WITH NO LOSS IN PURITY	LIQUID
PURITY (GC AREA %)	≥ 99.5 %	> 99.9 %
GC MINOR COMPONENT 1 (AREA %)	≤ 0.01 % CHLOROBENZENE	0.01 %
RESIDUE ON IGNITION	≤ 0.005 %	0.002 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
HYDROCARBONS	PASS	PASS
MISCELLANEOUS TESTS	NITROBENZENE ≤ 0.001 %	< 0.001 %
ACS SPECIFICATIONS	MEETS CURRENT ACS REQUIREMENTS	CONFORMS

END