

EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Benzoic Acid
GR
ITEM NUMBER: BX0360
LOT NUMBER: 38091
FORMULA: C₆H₅COOH
FORMULA WT: 122.12
Meets ACS Specifications
Data Order No: 00021457

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay	99.9		>99.9	%
Chlorine compounds (as Cl)		0.005	<0.005	%
Freezing point	122	123	122	°C
Heavy metals (as Pb)		5	<5	ppm
Infrared spectrum			Conforms to standard	
Insoluble in methanol		0.005	<0.005	%
Iron (Fe)		2	<2	ppm
Residue after ignition		0.005	<0.005	%
Substances reducing permanganate			Passes test	
Sulfate (SO ₄)		0.002	<0.002	%
Sulfur compounds (as S)		0.002	<0.002	%

Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 3/31/98

