



Aqua Solutions, Inc.

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SPECIFICATION SHEET

BENZOIC ACID / LABORATORY GRADE CRYSTAL

Product Code	B1702
Chemical Name / Grade	Benzoic Acid / Laboratory Grade Crystal
Chemical Formula / CAS#	C ₆ H ₅ COOH / CAS# 108-46-3
Appearance	Colorless or white solid; may become pink on exposure to air and light
Harmonization Code	2916.31.1105

CHEMICAL ANALYSIS / SPECIFICATIONS

Specifications	Min. / Max
Assay	99.98 % Min.
Benzyl Benzoate	30 mg/kg Max.
Carbonizable Substances	<Q Matching Fluid
Chloride, as Cl-	10 mg/kg Max.
Color	10 mg/kg Max.
Water (Karl Fisher)	0.1 % (m/m) Max.
Halogenated Compounds, as Cl-	10 mg/kg Max.
Heavy Metals	10 mg/kg Max.
Iron (Fe)	1 mg/kg Max.
Phenol	0.2 mg/kg Max.
Phthalic Acid	50 mg/kg Max.
Residue on ignition	005 % (m/m) Max.
Sulphated Ash	0.01 % (m/m) Max.
Total Chlorine, as Cl-	10 mg/kg Max.

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE (MM/DD/YY)

Original 0.0	04/11/2018: STN
Revision	

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.