

# Alpha Resources, Inc. Certificate Of Analysis

AEB-2009

4-CHLOROBENZOIC ACID OAS

LOT #KI03709HU

Date: February 1, 1995

Carbon and Hydrogen

CARBON = 53.70%  
HYDROGEN = 3.22%

The values for C & H were determined using a commercial CHN analyzer against Acetanilide SRM 141c as offered by NIST.

Oxygen

Oxygen = 20.44%

The value for oxygen was determined using a commercial oxygen analyzer against Chlorobenzoic Acid available from NIST. This is SRM 2144

Chlorine

Chlorine = 22.64%

The value for chlorine was determined after oxygen flask combustion by argentometric titration against NIST SRM 2144 and against Aristar grade Sodium Chloride.

Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources be liable for incidental or consequential damages.

Prepared by D.M. Reasons  
Director of Quality Assurance

