



Penta Fine Ingredients, Inc.

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: RESORCINOL USP		
PRODUCT CODE: 18-16000		
LOT #: 170355	SHELF LIFE: 24 Months	CAS #: 108-46-3
FEMA #: 3589	COE #: 11250	Flavis #: 04.047
JECFA #: 712	ECHA #: 203-585-2	Food Grade, Kosher, Halal
TEST	SPECIFICATIONS	RESULTS
MOLECULAR FORMULA	C6 H6 O2	
MOLECULAR WEIGHT	110.11	
DESCRIPTION	WHITE, OR PRACTICALLY WHITE, NEEDLE-SHAPED CRYSTALS OR POWDER (Acquires a pink tint on exposure to light and air)	PASSES TEST
IDENTIFICATION A	TO PASS TEST	PASSES TEST
IDENTIFICATION B	TO PASS TEST	PASSES TEST
IDENTIFICATION C	TO PASS TEST	PASSES TEST
MELTING RANGE	BETWEEN 109° AND 111° C	BETWEEN 109° AND 111° C
LOSS ON DRYING	NOT MORE THAN 1.0%	NOT MORE THAN 1.0%
RESIDUE ON IGNITION	NOT MORE THAN 0.05%	NOT MORE THAN 0.05%
PHENOL	TO PASS TEST	PASSES TEST
CATECHOL	TO PASS TEST	PASSES TEST
ORDINARY IMPURITIES	NOT MORE THAN 1.0%	NOT MORE THAN 1.0%
ASSAY (On Dried Basis)	NOT LESS THAN 99.0% AND NOT MORE THAN 100.5%	99.8%
SOLUBILITY	FREELY SOLUBLE IN WATER, IN ALCOHOL, IN GLYCERIN, AND IN ETHER SLIGHTLY SOLUBLE IN CHLOROFORM	PASSES TEST
PACKING & STORAGE	PRESERVE IN WELL-CLOSED, LIGHT RESISTANT CONTAINER	
USP - NF PUBLICATION	USP - NF 2025, ISSUE 1	USP - NF 2025, ISSUE 1
DATE OF MANUFACTURE		AUGUST 6, 2025
EXPIRATION DATE (RE-TEST DATE)		AUGUST 6, 2027
DATE PRINTED		October 20, 2025

KALCHEM INTERNATIONAL INC.

PO# 100625

SO# 401122

Lisa A. Amato
Technical Services Manager



This Certificate of Analysis is accurate to the best of our knowledge, however, it does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated.