



# Penta International Corporation

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## CERTIFICATE OF ANALYSIS

PRODUCT NAME: RESORCINOL USP		
PRODUCT CODE: 18-16000		
LOT #: 152962YY	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	C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>	
MOLECULAR WEIGHT	110.11	
APPEARANCE	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%	0.002%
RESIDUE ON IGNITION	NOT MORE THAN 0.05%	0.02%
PHENOL	TO PASS TEST	PASSES TEST
CATECHOL	TO PASS TEST	PASSES TEST
ORDINARY IMPURITIES	NOT MORE THAN 1.0%	0.007%
+ASSAY (On Dried Basis)	NOT LESS THAN 99.0% AND NOT MORE THAN 100.5%	99.7%
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 2022, ISSUE 2	USP - NF 2022, ISSUE 2
DATE OF MANUFACTURE		OCTOBER 1, 2022
EXPIRATION DATE (RE-TEST DATE)		OCTOBER 1, 2024
DATE PRINTED		September 13, 2023

KALCHEM INTERNATIONAL INC.

PO# 091123

SO# 378728



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.