

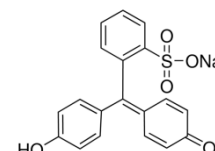


Product Specification

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PHENOL RED SODIUM SALT AR WATER SOLUBLE

PRODUCT CODE	314005
SYNONYMS	--
C.I. NO.	--
CASR NO.	(34487-61-1)
ATOMIC OR MOLECULAR FORMULA	C₁₉H₁₃NaO₅S
ATOMIC OR MOLECULARWEIGHT	376.36



PROPERTIES	--
PARAMETER	LIMIT
pH Transition Range	pH 1.2 - 3.0 Brownish orange - Yellow
pH Transition Range	pH 6.5 - 8.0 Brownish orange - Red violet
Clarity of solution	To pass the test.
Absorption max.	
\ 1(pH 1.2)	503 - 506 nm
\ 2 (pH 3.0)	430 - 435 nm
\ 3 (pH 6.5)	430 - 435 nm
\ 4 (pH 8.0)	557 - 560 nm
Absorptivity (on dried subs.)	
(A1%/1 cm at	880 - 950
\ 1(pH 1.2)	560 - 620
\ 2(pH 3.0)	560 - 620
\ 3(pH 6.5)	970 - 1100
\ 4(pH 8.0)	
Sensitivity	To pass the test.

MAXIMUM LIMIT OF IMPURITY

Loss on drying at 110°C	1.0%
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-----

IMDG Code :

UN No. :

IATA :

Replace date 17-June-2023