

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

α-NAPHTHOLPHTHALEIN pH INDICATOR

PRODUCT CODE	R08357
SYNONYMS	--
C.I. NO.	--
CASR NO.	(596-01-0)
ATOMIC OR MOLECULAR FORMULA	C ₂₈ H ₁₈ O ₄
ATOMIC OR MOLECULAR WEIGHT	418.45
PROPERTIES	Practically insoluble in water.Soluble in alcohol.

PARAMETER	LIMIT
pH Transition Range	pH 7.1 - 8.3 Pink brownish - Blue
Absorption maximum	472 - 477 nm
λ1 (pH 7.1)	649 - 654 nm
λ2 (pH 8.3)	
Absorptivity (A1% / 1 cm at λ1 (pH 7.1);on dried substance)	100 - 150
Absorptivity (A1% / 1 cm at λ(pH 8.3);on dried substance)	320 - 420

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	< 5.0%
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements :Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code : --

UN No. : --

IATA :--

Disposal: --

Hazard Pictogram(s) :-

Replace Date 1 April 2023

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