

963 – THYMINE, (5-METHYLURACIL)

REF NO: TBL/QA/SS/LC/963	STANDARD SPECIFICATION FOR THYMINE, (5- METHYLURACIL)	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 963

PRODUCT PROPERTIES

C.A.S Number	65-71-4
Chemical Formula	C ₅ H ₆ N ₂ O ₂
Formula weight	126.11
Functional Uses	It is used to study chemical processes that affect DNA structure, such a radiation induced radical production leading to base cross-linking reactions and derivitizations
Standard Packaging	5 gm & 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Off White Flakes having phenolic odour.
Solubility	Soluble in alcohol, practically insoluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphated Ash	NMT – 0.05%
Melting Point	95 – 97°C
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

