

1703 – RIBOFLAVIN (VITAMIN B2)

Ref No: TBL/QA/SS/LC/1703	STANDARD SPECIFICATION FOR RIBOFLAVIN (VITAMIN B2)	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 1703

PRODUCT PROPERTIES

C.A.S Number	83-88-5
Chemical Formula	C ₁₇ H ₂₀ N ₄ O ₆
Formula weight	376.36
Functional Uses	Riboflavin is the precursor for the active enzyme cofactors riboflavin 5'-monophosphate in plant tissue culture.
Standard Packaging	10 gm., 25 gm & 100gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow to orange crystalline powder.
Solubility	Slightly soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	5.5 – 7.2
Loss on drying	NMT – 1.5%
Sulphated Ash	NMT – 0.1%
Assay	NLT – 98.0%

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