

3436 – SPERMIDINE [N-(3-AMINOOPROPYL)-1, 4-DIAMINOBTUTANE]

REF NO: TBL/QA/SS/LC/3436	STANDARD SPECIFICATION FOR SPERMIDINE[N-(3- AMINOOPROPYL)-1, 4- DIAMINOBTUTANE]	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 3436

PRODUCT PROPERTIES

C.A.S Number	124-20-9
Chemical Formula	C ₇ H ₁₉ N ₃
Formula weight	145.2
Functional Uses	Spermidine is used in the preparation of 5x transcription buffer and in the treatment of double-stranded RNA along with other reagents to increase the uptake of dsRNA by nematodes
Standard Packaging	1 gm. & 5gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless to yellow low melting solid or liquid
Solubility	33.3 mg soluble in 1 mL of water giving colourless to slightly hazy solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	NLT – 99.0%

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