

1648– TARTRAZINE

REF NO: TBL/QA/SS/LC/1648	STANDARD SPECIFICATION FOR TARTRAZINE	Rev. No: 03
Issue No: 04		Review Date: 21/03/2025
Issue Date: 22/03/2022		Product code: 1648

PRODUCT PROPERTIES

C.A.S Number	1934-21-0
Chemical Formula	C ₁₉ H ₉ N ₄ Na ₃ O ₉ S ₂
Formula weight	534.3
Functional Uses	Tartrazine may be used as a reference standard in the determination of tartrazine in food samples using ion-pair liquid chromatography coupled with photodiode-array and electrospray mass spectrometry detector.
Standard Packaging	25 gm, 100 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Description	Orange color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 105°C)	NMT – 18.0%
Lead (Pb)	NMT – 10ppm
Arsenic (As)	NMT – 3 ppm
Dye content	NLT – 85.0%

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

