



Product Specification

XANTHINE FOR BIOCHEMISTRY

PRODUCT CODE	042057
SYNONYMS	--
C.I. NO.	--
CASR NO.	(69-89-6)
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₄ N ₄ O ₂
ATOMIC OR MOLECULAR WEIGHT	152.11
PROPERTIES	Decomposition on heating without melting and with partial sublimation. Soluble in mineral acids.



PARAMETER	LIMIT
Description	Yellowish white powder.
Solubility	0.1M in 1N NaOH is clear.
Minimum Assay (spectrophotometric, 275 nm pH 10)	98.0%
Extinction ratio :	
250/260 nm	1.29 ± 0.04
280/260 nm	1.71 ± 0.03
Substrate for xanthine oxidase.	

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code : UN No. : IATA : :
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) :	