

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

ANTHRONE FOR SYNTHESIS

PRODUCT CODE	R04029
SYNONYMS	--
C.I. NO.	--
CASR NO.	(90-44-8)
ATOMIC OR MOLECULAR FORMULA	C₁₄H₁₀O
ATOMIC OR MOLECULAR WEIGHT	194.23
PROPERTIES	Insoluble in water, soluble in alcohol, benzene and hot sodium hydroxide solution.
PARAMETER	LIMIT
Description	A pale yellow to greenish yellow crystals/crystalline powder
Solubility	Insoluble in water, Soluble in carbon tetrachloride and ethyl acetate
Minimum assay (GC)	97.0%
Sensitivity to Carbohydrates	Min. 0.90
Absorption :Glucose:750 mic.g/25 ml	Min. 0.90
Absorbance of reagent solution -	
425 nm:0.5 g/l, sulphuric acid 65%	Min. 0.75
-620 nm:0.5 g/l, sulphuric acid 65%	Min. 0.045
MAXIMUM LIMIT OF IMPURITIES	
Water (KF)	0.5%
Iron (Fe)	0.001%
Note(s) :Assay (if applicable) method mentioned.	
WARNING Hazard statements :May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water..	IMDG Code : -- UN No. : -- IATA :--
Hazard Pictogram(s) :	

Replace Date 1 April 2023

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