



Product Specification

cdhfinechemical.com

CALAMINE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P08315
SYNONYMS	--
C.I. NO.	--
CASR NO.	8011-96-9
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--
PARAMETER	LIMIT
Description	An amorphous, pink or reddish brown powder, the colour depending on the variety and amount of iron (III) oxide present and the process by which it is incorporated.
Solubility	Practically insoluble in water. It dissolves with effervescence in hydrochloric acid.
Identification 'A'	Gives the reactions of zinc salts
Identification 'B'	A reddish colour is produced
Microbial contamination	Free from Staphylococcus aureus and Pseudomonas aeruginosa
Assay (on ignited basis)	98.0 -100.5% ZnO
MAXIMUM LIMIT OF IMPURITIES	
Loss on ignition (at 900°C)	2.0%
Acid insoluble substances	1% w/w
Alkaline substances	0.2 ml of 0.05 M sulphuric acid is required to decolorise it.
Water soluble dyes	The filtrate is colourless
Arsenic	0.0008%
Lead	The solution remains clear for 5 minutes.
Calcium	The solution remains clear for 2 minutes.
Soluble barium salts	The solution remains clear for 5 minutes.
Chlorides	0.075%
Sulphates	Less than 0.6%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Causes mild skin irritation. Causes eye irritation. Toxic to aquatic life with long lasting effects. Precautionary statements: Prevention: Wash hands thoroughly after handling. Response: If skin irritation occurs, seek medical advice/ attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do. Continue rinsing. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 9/III UN No. : 3077 IATA : 9
Hazard Pictogram(s) :	



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