



Product Specification

cdhfinechemical.com

BARIUM SULPHATE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE		P04205	Ba⁺⁺O O=S(=O)([O-])[O-]
SYNONYMS		--	
C.I. NO.		--	
CASR NO.		(7727-43-7)	
ATOMIC OR MOLECULAR FORMULA		BaSO ₄	
ATOMIC OR MOLECULAR WEIGHT		233.39	
PROPERTIES		---	
PARAMETER		LIMIT	
Description		Fine heavy white powder, free from gritty particles, odourless.	
Solubility		Soluble in hot concentrated sulphuric acid. Insoluble in water.	
Identification 'A'		The solution gives the reactions of sulphates	
Identification 'B'		A white precipitate is formed which is insoluble in dilute sodium hydroxide solution	
MAXIMUM LIMIT OF IMPURITIES			
Acidity or alkalinity		Not more than 0.5 ml of 0.01 M hydrochloric acid or of 0.01 M sodium hydroxide is required	
Arsenic		0.0002%	
Heavy metals		0.001%	
Loss on ignition (at 600°C)		2.5%	
Sulphide (S)		Passes test	
Acid soluble substances		0.3%	
Soluble barium salts		No turbidity is produced within 30 minutes	
Note(s) : Assay (if applicable) method mentioned.			
WARNING			IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.			
Precautionary statements			
Prevention: -----			
Response: -----			
Disposal:-----			
Hazard Pictogram(s) :-----			