



Product Specification

cdhfinechemical.com

CHARCOAL ACTIVATED AR PHOSPHOROUS FREE FOR SOIL TEST

PRODUCT CODE	491515	
SYNONYMS	Activated charcoal	
C.I. NO.	--	
CASR NO.	7440-44-0	
ATOMIC OR MOLECULAR FORMULA	C	C
ATOMIC OR MOLECULAR WEIGHT	12.01	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Black Light powder free from griitiness.	
pH (2 % aq. suspension)	6.0 - 9.0	
MB value	280 mg/g	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying	15%	
Sulphated Ash	4%	
Phosphate (PO ₄)	Negligible	
Chloride (Cl)	0.2%	
Sulphate (SO ₄)	0.2%	
Residue on ignition	NMT.4.0%	
Acid insoluble substances	NMT.3.5%	
Sulphide (S)	Passes test	
Acidity or alkalinity	0.25 ml (0.02 m Naoh & 0.75 ml 0.02m Hcl)	
Copper (Cu)	0.0025%	
Lead (Pb)	0.001%	
Zinc (Zn)	0.0025%	
Cyanogen compound	Passes test	
Uncarbonized compound	Passes test	
Reaction	Passes test	
Acid soluble substances	NMT. 3.0%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : --
Hazard statements: Not hazardous. No hazards.		UN No. : --
Precautionary statements		IATA : --
Prevention: -----		
Response: -----		
Disposal:-----		
Hazard Pictogram(s) :-----		

Replace date 05-OCT-2025