

COA of Palladium-carbon catalyst

Palladium-carbon catalyst is mainly use for hydrogeantion of 4-CBA existing in PTA solution to water-soluble substance, so that PTA can be purified by crystallization.the catalyst also can be used for hydrogenation of intermediate in pharmacy manufacture.

Chemical and physical properties(used for PTA process)

Item	target	Item	target
Pd content,wt%	0.5±0.05	carbon	balance
Particle distribution	4.75mm up,5max; 2.36-4.75mm,90min	Surface area,m2/g	900-1000
appearance	Black granule	iron	300ppm max
copper	50ppm max	surfur	500ppm max

