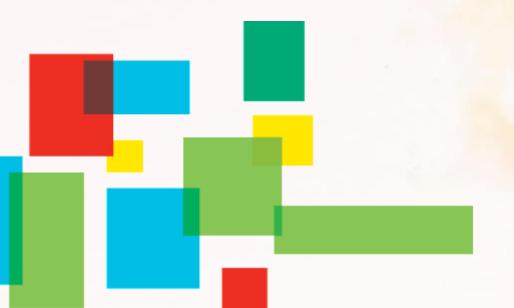
Sameness Criteria Pigment Red 48:4

CAS / EC 5280-66-0 / 226-102-7

Legal Entity - BASF Colors & Effects GmbH

An der Rheinschanze 1 67059 Ludwigshafen am Rhein





working for you.

Sameness Criteria

Purity	>75 %
Pigment Red 48:4	
Manganese, 4-[(5-chloro-4-methyl-2-	
sulfophenyl)azo]-3-hydroxy-2-	
naphthalenecarboxylic acid complex	
Total organic compounds	75-100%
Organic impurities	CAS 3564-21-4 <15%
Less than 1 % each	Water <10%
Critical impurities	
below classification threshold	
Inorganic salts and water	Not specified
*Percentage of organic compounds is given as area % (HPLC)	
referringe of organic compounds is given as area 70 (FFEC)	