

CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)


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SPECIFICATION

3-3' Dichlorobenzidine Dihydrochloride (3-3' DCB) is used in the synthesis of Organic Pigment Yellow 12 (CI No. 21090), Pigment Orange 13 (CI No. 21110) & other dyestuff colorants.

Physical Appearance	Off white greyish moist powder
Molecular Formula	C ₁₂ H ₁₂ Cl ₄ N ₂
Structural Formula	
Molecular Weight	253 of free base / 326 of Hydrochloride
% Strength by Nitrite Value w/w	70% ± 2% on MW 253 / 90% ± 2% on MW 326
% Strength of dry material Nitrite Value w/w	98% ± 1% on MW 326
Insolubles in dil HCl solution	0.2% max.
Insolubles in Tetrazo solution	0.2% max.
Acidity	Positive, PH 2 to 3
Packing on 100% basis of M.W. 253	25 Kgs. Net in Polylined HDPE Bags
	50 Kgs. Net in Polylined Fibre Drums
20Ft FCI quantity	12 MT in bag packing (Palletised)
	9 MT in drum packing (Non-Palletised)
	6 MT in drum packing (Palletised)
Application	Synthesis of Organic Pigments like Pigment Yellow 12 (CI No. 21090) Pigment Orange 13 (CI No. 21110) etc.