

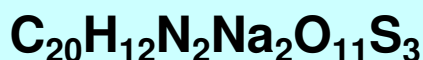


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\D:\PS\23156XPS.xls
PRODUCT CODE	23156
PRODUCT NAME	HYDROXYNAPHTHOL BLUE ACS (Indicator for calcium determination)
SYNONYMS	[1-(2-Naphtholazo-3,6-disulfonic acid)-2-naphthol-4-sulfonic acid, Disodium salt]
C.I. NO.	--
CASR NO.	(165660-27-5)
ATOMIC OR MOLECULAR FORMULA	C ₂₀ H ₁₂ N ₂ Na ₂ O ₁₁ S ₃
ATOMIC OR MOLECULAR WEIGHT	598.50
PROPERTIES	--



PARAMETER	LIMIT
Description	Dark blue crystals/ crystalline powder.
Solubility	0.1% solution in water is clear and complete.
Absorptivity [1% / 1 cm at λ max in ammonia buffer pH 12.0 + 2 ml 0.05M EDTA about 650 nm (8 mg/lit) on dried sub.]	350 - 500
Absorption maximum (λ max 8 mg/lit on dried substance)	About 650 nm
Suitability for calcium determination	Passes test
Loss on drying (at 105°C)	Max. 5.0%
MAXIMUM LIMIT OF IMPURITIES	
-----	-----

Note(s) 1.) : Assay (if applicable) method mentioned. Note
2] :- This reagent is deposited on crystals of sodium chloride. The small blue crystals are freely wate

DANGER Hazard statements: May cause CANCER Precautionary statements Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. Response : If exposed or concerned: Get medical attention advice.	IMDG Code :-- UN No. :-- IATA :--
--	---

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Aspiration hazard

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554
--	--	---	--

