



Product Specification

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HYDROXY NAPHTHOL BLUE AR INDICATOR FOR CALCIUM DETERMINATION

PRODUCT CODE	299935
SYNONYMS	[1-(2-Naphtholazo-3,6-disulfonic acid)-2-naphthol-4-sulfonic acid, Disodium]
C.I. NO.	--
CASR NO.	(165660-27-5)
ATOMIC OR MOLECULAR FORMULA	$C_{20}H_{12}N_2Na_2O_{11}S_3$
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 pH12.0 + 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

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 105°C)	5.0%
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Note(s) 1.) : Assay (if applicable) method mentioned.

2] : This reagent is deposited on crystals of sodium chloride. The small blue crystals are freely water

WARNING HAZARD STATEMENTS :May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction. PRECAUTIONARY STATEMENTS : Prevention :Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling . Response :If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. Disposal :Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	IMDG Code : UN No. : IATA :
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Hazard Pictogram(s) :



GHS07

Replace date 18-Sep-2025