



Product Specification

Product Name: 5,5' DITHIOBIS (2-NITROBENZOIC ACID) LR

Alternate Name(s) Ellman's Reagent; DTNB; 3-Carboxy-4-nitrophenyl disulfide; 6,6'-Dinitro-3,3'-
Description dithiodibenzoic acid
Off white to yellow powder.

Properties

Chemical Formula: $C_{14}H_8N_2O_6S_2$
Molecular Weight: 396.34

Product Code: DL129
CAS No. 69-78-3

General Information:

Slightly soluble in water. Incompatible with strong oxidising agents.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code:
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Identification	To pass test
Melting Point	230 - 245°C
Solubility (1% ethanol)	Clear, light yellow solution
Loss on drying	≤ 0.5 %

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