

**GRM1677 Ellman's reagent****Product Number Packing**

GRM1677	: 1G
GRM1677	: 5G

**Product Information**

Product Code	: GRM1677
Product Name	: Ellman's reagent
Synonym	: 5, 5'-Dithiobis(2-nitrobenzoic acid); 3-Carboxy-4-nitrophenyl disulfide; DTNB
Molecular Formula	: C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight	: 396.35
CAS No.	: 69-78-3
EC No.	: 200-714-4
HS Code	: 2930 90 99
Shelf Life	: 4 years

**Technical Specification**

Appearance	: Yellow crystals or powder
Solubility	: 10 mg soluble in 1 mL of ethanol
FTIR (KBr disc)	: Matches with the standard pattern
Melting range	: 235 - 245°C (dec.)
Assay (NaOH Titration)	: 97.00 - 102.00%

**GHS Safety Information**

Hazard Statement(s)	: H315-H319-H335
Precautionary Statement(s)	: P261-P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	

**Risk and Safety Information**

R-Phrase(s)	: 36/37/38
S-Phrase(s)	: 26-36
WGK	: 3
RTECS	: DG9650000
Storage Temperature(°C)	: Store below 30°C
Hazard Symbol(s)	

**Transport Information**

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods



## Product Information

IMDG : Not Dangerous Goods  
IATA : Not Dangerous Goods

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