

PRODUCT IDENTITY

PRODUCT NAME	1,2-Dinitrobenzene	PRODUCT NUMBER	D111111
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	528-29-0	FORMULA	C ₆ H ₄ N ₂ O ₄
FORMULA WEIGHT	168.11g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	116-119 (°C)
Purity(GC)	98-100 (%)
Nitrogen by Elemental Analysis	15.8-17.2 (%)
Carbon by Elemental Analysis(anhydrous)	41.5-43.3 (%)
Appearance (D111111)	Yellow to Orange to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure
Solubility in CHCL ₃ , Clear, Yellow to Yellow-Green to Brown, C=5%	pass