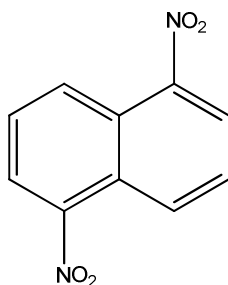
	VISHWA-SYNTHARO PHARMACHEM		Rev: 00
	SPECIFICATIONS		
	1,5-Dinitronaphthalene	5DN	Date: October 2024



IUPAC Name:	1,5-Dinitronaphthalene	Pharmacopeial Standard (if any):	None
CAS #:	605-71-0	Specification based on:	In-house
Formula:	C ₁₀ H ₆ N ₂ O ₄	Mol. Wt.:	218.17

	TESTS	SPECIFICATION	TEST METHOD
1.	Appearance	Off-white to pale-brown solid	STP-QC-001
2.	Identification		
	Melting Range (°C)	Report Result Lit: 214.0 to 219.0 °C	STP-QC-006
3.	Purity (by HPLC; % area)	NLT 98 %	HPLC with UV detector
4.	Purity (by GC; % area)	NLT 98 %	GC with FID
5.	Loss on Drying (% w/w)	NMT 1.0 %	STP-QC-005
6.	Residue on Ignition (% w/w)	NMT 1.0 %	USP <281>