



Specification

Picric Acid ACS

Catalog Number:	PA1006
CAS Number:	88-89-1
Synonym(s):	2,4,6-Trinitrophenol, 2-Hydroxy-1,3,5-trinitrobenzene
Molecular Formula:	$C_6H_3N_3O_7$
Molecular Weight:	229.11
Storage:	15°C – 30°C
Retest Period:	Two years from the date of manufacture

Test	Specification
Appearance	Moist yellow powder
Melting Point	121°C – 123°C
Solubility (1%)	Clear and yellow
Moisture (KF)	≥ 30%
Insoluble (Toluene)	≤ 0.1%
Insoluble material (Resinous Matter)	≤ 0.01%
Sulfate	≤ 0.1%
pKa	0.4

Approved:

Date: February 26, 2018

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