

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Date: February 26, 2018

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:229.11Storage: $15^{\circ}C - 30^{\circ}C$

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%
рКа	0.4

Approved: John Grubb

John Grubb, PhD

Gojira Fine Chemicals

Quality Manager

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