



**ChemPure* Brand
Chemicals**

Product Code: CP-A1765D
Lot #: 001254-160

...Pure Quality

Certificate Of Analysis

Chemical Name: **PICRIC ACID**

2,4,6-Trinitrophenol

2-Hydroxy-1,3,5-trinitrobenzene

Chemical Formula: $C_6H_3N_3O_7$

Retest : 12/1/2020

F.W.: 229.11

CAS: 88-89-1

Density: 1.76 g/cm³

Storage: RT

Melting Point: 122 °C

Analytical Results		
Item	Specifications	Analysis
Assay by Titration	≥ 99.5% (anhydrous basis)	99.9%
Appearance	Moist yellowish powder	Moist yellowish powder
Water Content (Karl Fischer)	≥ 30%	30.10%
Melting Point	121-123°C	122°C
pKa	0.4	0.4
Insoluble	≥ 0.1% (in Toluene)	Practically Nil (in Toluene)
Insoluble Material	≥ 0.01% (Resinous matter)	0.01% (Resinous matter)

Remarks:

Safety: See material safety data sheet for additional information. For Laboratory use only.
The foregoing is a copy of the Certificate Analysis as provided by our supplier

Vyto Mekesa

Vyto Mekesa
Quality Assurance Manager

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