



Specification

Tris Base ACS

Catalog Number: TB1011
CAS Number: 77-86-1
Molecular Formula: C₄H₁₁NO₃
Molecular Weight: 121.14
Storage: 15°C - 30°C
Retest Period: Five years from the date of manufacture

Test	Specification
Appearance ¹	White crystalline material
Assay (Titration) ¹	99.8 – 100.1%
Identification (FTIR) ¹	To match spectra
Melting Point	168.0°C – 172.0°C
Solubility (1M)	Clear
Absorbance (290nm, 40%) ¹	≤ 0.2
pH (5%)	10.5 -11.5
Moisture (KF) ¹	≤ 2.0%
Heavy Metals (as Pb) ¹	≤ 5ppm
Iron (Fe) ¹	≤ 5ppm
All lots meet the specifications for ACS.	

Approved:

Date: July 11, 2018

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com