

## **Gojira Fine Chemicals, LLC**

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

## **Certificate of Analysis**

## Tris Base 99.9%

Catalog Number:	TR1003
Lot Number:	0703801
CAS Number:	77-86-1
Molecular Formula:	C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular Weight:	121.14
Storage:	15°C – 30°C
Date of Manufacture:	April 13, 2018
	April 13, 2018 May 3, 2020

Test	Specification	Result
Appearance	White crystalline material	Conforms
Assay (Dry Basis)	≥ 99.9%	100.3%
Melting Point	168.0°C to 172.0°C	171.6°C – 171.8°C
pH (5.0% Solution in H <sub>2</sub> O)	10.0 to 11.5	10.57
Solubility (40% Solution in H <sub>2</sub> O)	Clear, slightly yellow solution	Conforms
Turbidity (40% Solution in H <sub>2</sub> O)	≤ 2.0	< 2.0
APHA Color (20% Solution in H <sub>2</sub> O)	≤ 25	21
UV Abs (10% Solution in H <sub>2</sub> O)		
@260nm	≤ 0.1	0.025
@280nm	≤ 0.08	0.019
@430nm	≤ 0.009	0.005
Moisture	≤ 0.5%	< 0.3%
Residue on Ignition	≤ 0.1%	0.00%
Heavy Metals (as Pb)	≤ 2ppm	< 1ppm
Iron (Fe)	≤ 1ppm	< 1ppm
Sulfate	≤ 5ppm	< 5ppm

Approved by:

ohn grubb

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For research purposes only. Not for drug or clinical use in humans or human food additive use.