

June 19, 2015

CERTIFICATE OF ANALYSIS

Description	:	Thioglycolic Acid
Lot No.	:	TGA-FF-02S
Date of Analysis	:	May 13, 2015
ITEM	:	RESULT
Purity(Iodometric)	:	99.26
Iron (ppm)	:	less than 0.5
Aqueous Solutions	:	no opalescence
Monochloroacetic Acid (%)	:	less than 0.05

We hereby certify that above is true and correct.

T. Matsumoto