



Certificate of Analysis

GUANIDINE THIOCYANATE

<u>Catalog #</u>	<u>Size</u>
IB05100	500 gm

Catalog Number: IB05100

Lot Number: 15A2750

Molecular Formula: CH₅N₃•CHNS

Molecular Weight: 118.16

Appearance: White crystalline powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Purity	99.0		99.6	%	PASS
Melting Point	118	121	120	°C	PASS
Solubility (70%, Water, 50°C)	PASS		PASS	P/F	PASS
Abs. @ 280nm (70%, Water)		0.8	0.3		PASS
DNase		NONE	NONE	P/F	PASS
RNase		NONE	NONE	P/F	PASS
Identification (IR)	PASS		PASS	P/F	PASS
Protease		NONE	NONE	P/F	PASS
Abs. @ 300nm (6M, Water)		<0.1	0.03		PASS
Abs. @ 410nm (6M, Water)		<0.1	0.0023		PASS
Copper		<0.0001	0.000002	%	PASS
Lead		<0.0001	0.000005	%	PASS

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture. Light sensitive.

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature: T. Frericks
Date: 02/19/2015