



Certificate of Analysis

UREA

<u>Catalog #</u> IB72060	<u>Size</u> 500 gm
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Catalog Number: IB72060

Lot Number: 17H0187

Molecular Formula: CH₄N₂O

Molecular Weight: 60.06

Appearance: White powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
DNase		NONE	NONE	P/F	PASS
RNase		NONE	NONE	P/F	PASS
Biuret Test	PASS		PASS	P/F	PASS
Insolubles		0.005	0.000	%	PASS
Conductivity (5M, Water)		15	12	uhmos	PASS
Solubility (5M, Water)	PASS		PASS		PASS
Cyanate		0.002	<0.001	%	PASS
Iron		0.0001	<0.0001	%	PASS
Heavy Metals (as Pb)		0.0005	<0.0001	%	PASS
Chloride		0.0005	<0.0001	%	PASS
Melting Point	132	135	133	°C	PASS
Abs. @280nm (5M, Water)		0.05	0.01		PASS
Purity	99.5		99.9	%	PASS
Protease		NONE	NONE	P/F	PASS
Identification	PASS		PASS	P/F	PASS

Storage

Store at room temperature. Protect from moisture.

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

Signature: K. Kutsch
Date: 10/09/2017