



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

AMRESKO LLC

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CERTIFICATE OF QUALITY / CERTIFICATE OF ANALYSIS

Tris Hydrochloride

Code: 0234

Chemical Formula:	C ₄ H ₁₁ NO ₃ .HCl	Manufacture Date:	(batch specific)
Molecular Weight:	157.64	Expiration/Reassay Date:	(batch specific)
CAS #:	1185-53-1		
Appearance:		Storage:	
White, crystalline powder to needle-like crystals		Grade:	ULTRA PURE GRADE

Additional Information

TEST	SPECIFICATION	DISPOSITION
Calcium	<= 0.0001 %	PASS
Copper	<= <0.0001 %	PASS
DNase	NONE	PASS
Insolubles	<= 0.001 %	PASS
Iron	<= <0.001 %	PASS
Lead	<= <0.0001 %	PASS
Magnesium	<= <0.0001 %	PASS
Manganese	<= <0.0001 %	PASS
pH (0.1M, Water) @25C	4.2 - 4.9	PASS
Protease	NONE	PASS
Purity (Titration)	>= 99.5 %	PASS
RNase	NONE	PASS
Zinc	<= 0.0001 %	PASS

Spec Set: 0234UP

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

Internal ID #: 269

Signature: _____

Title:

Date Printed:

02/29/2016

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