

# Certificate of Analysis

<b>CATALOG NUMBER</b>	LC-NA
<b>LOT NUMBER</b>	B-0718
<b>SPECIFICATION</b>	Absorbance Target Value (1cm): 7.50 - 9.00
<b>THIS LOT VALUE</b>	7.89

**Product Description:** LC-NA is a secondary reference material for verifying performance of DeNovix<sup>®</sup> Spectrophotometers. The solution is volumetrically prepared using reagent-grade nicotinic acid and spectroscopy-grade water. NOTE: Each ampoule of LC-NA is intended for single use within 20 minutes of opening.

**QC Test:** LC-NA was measured on an Agilent 8453 spectrophotometer using spectroscopy-grade water as a reference. The 261nm absorbance was measured bi-chromatically (340 nm baseline reference) with a 1mm quartz cuvette and converted to a 1cm equivalent pathlength absorbance per Beer's law.

**Additional Info:** An Agilent 8453 spectrophotometer is annually certified for RMS noise and baseline flatness as well as absorbance accuracy and wavelength accuracy using reference standards, which are traceable to NIST SRM 2031B and SRM 2034 respectively.

I certify that the above information is accurate and true.



David Ash, Laboratory Manager