

# Certificate of Analysis

<b>CATALOG NUMBER</b>	CUV-NA
<b>LOT NUMBER</b>	A-1119
<b>SPECIFICATION</b>	Absorbance Target Value (1cm): 0.675 - 0.825
<b>THIS LOT VALUE</b>	0.745

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

**QC Test:** CUV-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 1cm pathlength absorbance per Beer's law.

**Additional Info:** An Agilent 8453 spectrophotometer is annually certified using traceable standard solutions for absorbance accuracy, wavelength accuracy, stray light, noise, and spectral resolution by an operational qualification procedure performed by the vendor.

I certify that the above information is accurate and true.

A handwritten signature in black ink, appearing to read "David Ash".

David Ash, Laboratory Manager