

Certificate of Analysis

Product Name: CUV-NA

Description and Preparation

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.

Reference Spectrophotometer Qualification

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.

Measurement and Target Values

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.

Lot Number	Absorbance Target Value (1cm)
0417	0.748 +/- 0.001

NOTE: Each ampoule of CUV-NA is intended for single use within 20 minutes of opening.

I certify that the information above information is accurate and true.



David Ash, Laboratory Manager