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-CERTIFICATE OF ANALYSIS-

Product:	Nicotinamide adenine dinucleotide phosphate disodium salt
Code No:	BIB3015
CAS No:	24292-60-2
Formula:	$C_{21}H_{26}N_7O_{17}P_3 \cdot 2Na$
Batch No:	AS440260
Purity:	97.0%
NADP ⁺ content	85.4%
Sodium content:	5.3%
Water content:	6.8%

Spectral analysis

1. ϵ at 260nm and ph 7.5: 17.6×10^3 L/mole/cm
2. Ratio at pH 7.5
 A_{250}/A_{260} : 0.83
 A_{280}/A_{260} : 0.21
3. ϵ when reduced with glucose-6-phosphate dehydrogenase at 340 nm and pH 7.5:
 6.0×10^3 L/mole/cm
4. Ratio when reduced with glucose-6-phosphate dehydrogenase at pH 7.5
 A_{230}/A_{260} : 0.41

Verified by: David Parton

Signed:

Date: 28th May 2015