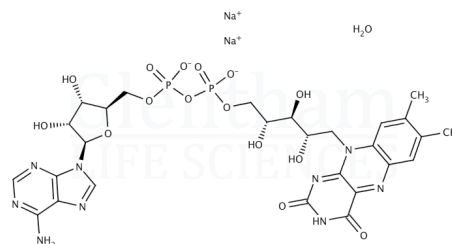


Certificate of Analysis

Product Name	Flavin adenine dinucleotide disodium salt hydrate
Glentham Code	GV4061
CAS Number	84366-81-4
EINECS	282-733-8
MDL Number	MFCD08277021
Additional CAS	146-14-5 (anhydrous)
PubChem SID	310273083
Batch Number	913OTU
Molecular Weight	829.51 (anhydrous)
Molecular Formula	$C_{27}H_{31}N_9Na_2O_{15}P_2 \cdot xH_2O$
Storage Temp.	+4°C



Property	Specification	Batch 913OTU
Physical Description	Light yellow to dark orange powder	Orange powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, yellow to orange solution	Conforms
Molar Attenuation Coefficient	≥ 10500 (in H ₂ O, at λ_{max} 1)	10908
Water (KF)	$\leq 10.0\%$	2.0%
Assay (HPLC)	$\geq 95.0\%$	96.1%

Specification Version	v1.1
Manufacture Date	2024-10-18
Re-Test Date	2031-09-04

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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