

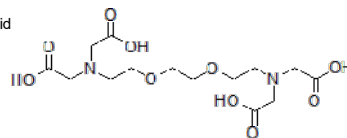
Certificate of Analysis



Product Identification

Catalog number HB4708
Compound name EGTA
Chemical name Ethylene glycol-bis(2-aminoethylether)-N,N,N,N-tetraacetic acid

Batch number E2141-1-1
Batch molecular formula $C_{14}H_{24}N_2O_{10} \cdot 0.5H_2O$
Batch molecular weight 389.36



Chemical Structure

Method

QC requirement

QC Result

NMR	1H NMR in $D_2O/NaOD$ at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water with at least 2 eq NaOH (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

13/12/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.