Certificate of Analysis



Product Identification Chemical Structure

 Catalog number
 HB0217

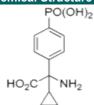
 Compound name
 CPPG

Chemical name (RS)-α-Cyclopropyl-4-phosphonophenyl glycine

Batch number E1961-1-1

Batch molecular formula C₁₁H₁₄NPO₅.0.25H₂O

Batch molecular weight 275.71



Method QC requirement QC Result

HPLC Reverse Phase HPLC shows >98% purity Meets specification: 99.0% NMR 1H NMR in D₂O at 300 MHz consistent with structure Meets specification Mass spectrum Electrospray negative analysis shows molecular ion Meets specification Microanalysis Elemental analysis is within 0.4% for the batch Meets specification molecular formula TLC TLC analysis in 75% PAW/BuOH shows one spot Meets specification: R_f=0.39

Physical appearance White to off-white solid Meets specification: White solid

Solubility Soluble in water with 1eq NaOH (100 mM) Meets specification

under ninhydrin

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date 22-04-22

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