

Certificate of Analysis

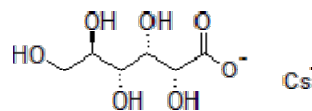


Product Identification

Catalog number HB4822
Compound name Cesium Gluconate
Chemical name D-Gluconic acid cesium salt

Batch number E1692-1-1
Batch molecular formula $C_6H_{11}O_7Cs$
Batch molecular weight 328.05

Chemical Structure



Method	QC requirement	QC Result
NMR	1H NMR in D_2O at 400 MHz consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 75% PAW/BuOH shows one spot under $KMnO_4$	Meets specification: $R_f=0.3$
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in water (200 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

10-11-21

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