Isomorphism in monomeric 1:3 complexes of silver(I) salts with tri-p-tolylphosphine.

Bernard Omondi[a], Gertruida J.S. Venter[b], Andreas Roodt[b] and Reinout Meijboom[a*]

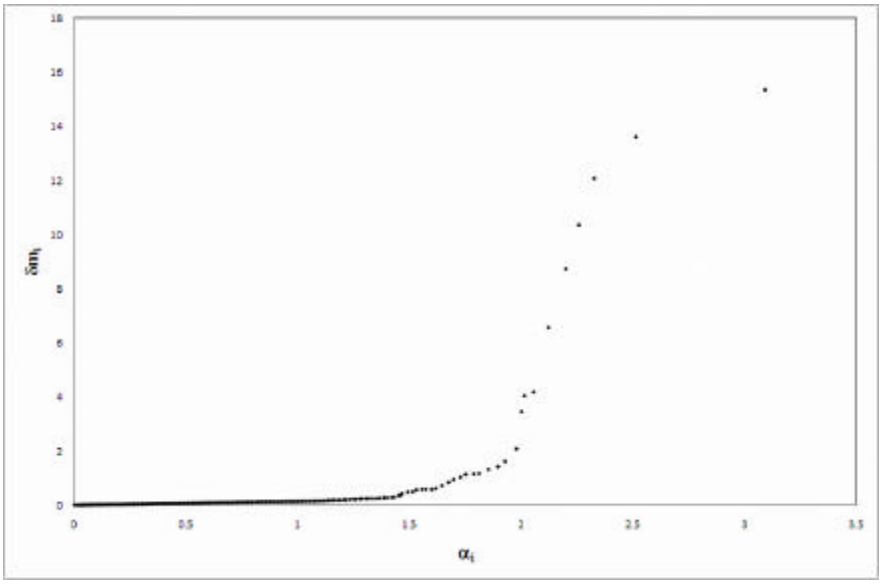
(a) Department of Chemistry, University of Johannesburg, P.O. Box 524, Auckland Park, Johannesburg, South Africa. E-mail: rmeijboom@uj.ac.za.

(b) Department of Chemistry, University of the Free State, P.O. Box 339, Bloemfontein, South Africa.

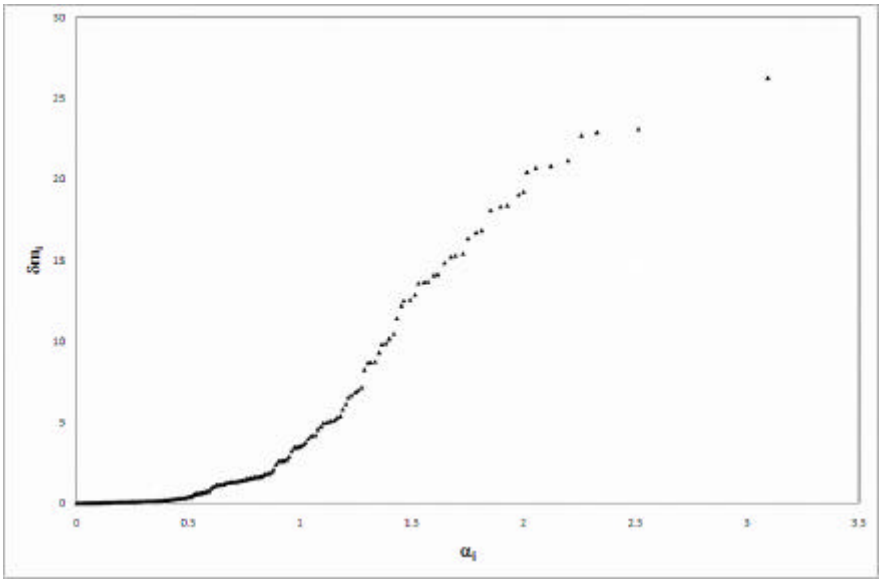
ARTICLE REF NO.: PS5003

SUPPLEMENTARY INFORMATION

1

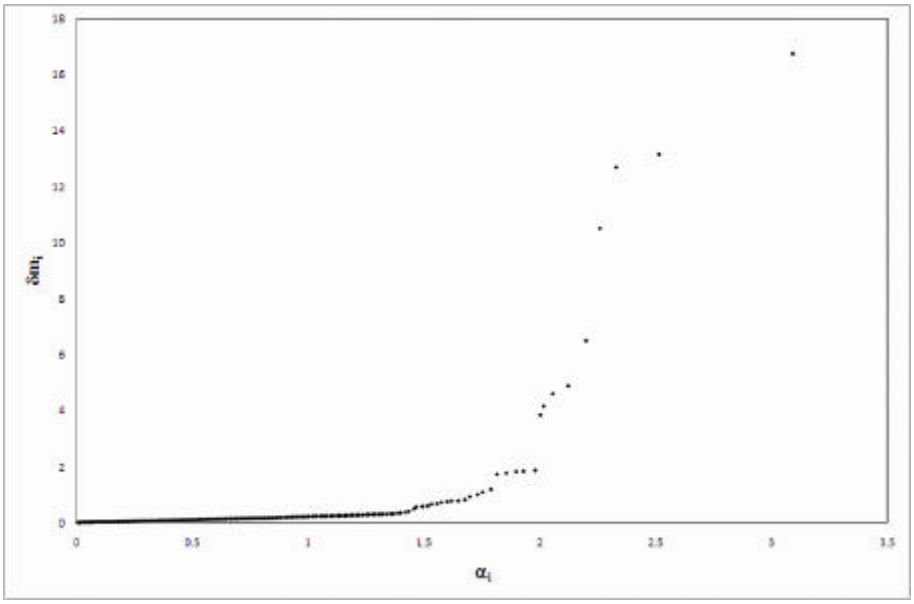


(a)

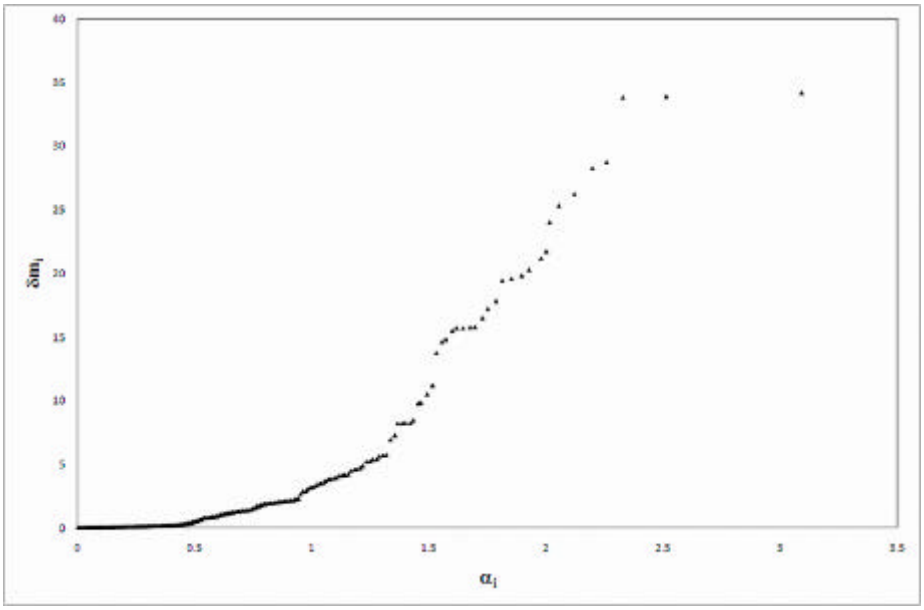


(b)

Figure 1 Half normal probability plots. (a) 1 ***versus*** 3**, based on 195 dependent distanes; (b)** 1 ***versus*** 3**, based on 195 independent distanes.**



(a)



(b)

Figure 2 Half normal probability plots. (a) 2 ***versus*** 3**, based on 195 dependent distanes; (b)** 2 ***versus*** 3**, based on 195 independent distanes.**

Table 1 Hydrogen interactions for compounds 1 and 3.

D-H...A	d(D-H)	d(H...A)	d(D...A)	<(DHA)
*Compound **1***				
C(216)-H(216)...Br(1)	0.95	2.85	3.767(4)	162.6
C(02)-H(02B)...Br(1)#1	0.98	2.60	3.486(8)	151.1
C(333)-H(333)...N(01)#2	0.95	2.62	3.543(9)	164.0
Symmetry transformations used to generate equivalent atoms:				
#1 = x-1/2,-y+1/2,z #2 = x,y,z+1				
*Compound **3***				
C(003)-H(03B)...O(03B)	0.98	2.43	3.25(4)	141.1
C(215)-H(215)...O(002)	0.95	2.45	3.395(6)	178.3
C(335)-H(335)...O(03B)	0.95	2.45	3.204(15)	136.0
C(217)-H(21B)...O(01)#1	0.98	2.56	3.273(9)	129.4
C(116)-H(116)...O(04B)#2	0.95	2.45	3.075(9)	123.2
C(115)-H(115)...O(01)#2	0.95	2.57	3.422(8)	149.4
C(135)-H(135)...O(02B)#3	0.95	2.39	3.154(8)	138.4
Symmetry transformations used to generate equivalent atoms:				
#1 x+1/2,-y+1/2,z #2 x,y,z+1 #3 -x+1,-y,z+1/2				