Appendix IV

Paint samples of *Five-part Ceiling Decoration for the Great Hall of Soestdijk Palace*

SEM/EDX executed at the Cultural Heritage Agency of the Netherlands, Ministry of Education, Culture and Science by Matthijs de Keijzer with a JSM 5910 Low Vacuum Device by JEOL with a detector by Thermonoran, vantage system.

Sample 1207-12

Layer 2: black blue paint layer, overall: **Pb** lead white, organic black
Layer 4: transparent violet red paint layer, overall: **Al Pb K** organic violet red on alum

Matthijs de Keijzer  
February 2006
**Five-part Ceiling Decoration for the Great Hall of Soestdijk Palace**

**Paint cross-section 1207-12  Dark red garment**

7 Layer of vermilion.  
6 Layer of red lake with vermilion with on top a medium layer.  
5 Transparent purple red paint layer of a purple red lake with on top a medium layer.  
4 Black blue layer of the balustrade with lead white and black pigment.  
3 Layer with a green copper pigment (probably Atacamite) mixed with lead white.  
2 Light brown ground layer with umber, leadmenie and lead white.  
1 Dark brown ground layer with umber.

**Paint cross-section 1207-15  Dark green of woman with lance**

4 Thin green layer with fine red pigment.  
3 Indigo with lead white (and chalk?).  
2 Light brown ground layer with umber, leadmenie and lead white.  
1 Dark brown ground layer with umber.
Paint cross-section 1207-19  Blue garment of woman with lance

6 Overpaint with Prussian blue.
5 Fluorescent layer (varnish).
4 Indigo.
3 Discoloured smalt.
2 Light brown ground layer with umber, leadmenie and lead white.
1 Dark brown ground layer with umber.

BF 500x  UV 500X