

## Summary of Analytical Results

### Mural OBJ 14

<b>NUMBER OF PARTNER:</b>	<b>UNITO - CCR</b>
<b>TYPE OF WORK:</b>	<b>Mural (Object 14)</b>
<b>COUNTRY:</b>	<b>Italy</b>
<b>CITY:</b>	<b>Turin</b>
<b>ADDRESS:</b>	<b>C.so Bramante</b>
<b>OWNER / CUSTODIAN:</b>	<b>Municipality of Turin</b>
<b>ARTIST:</b>	<b>VARIOUS</b>
<b>TITLE OF THE WORK:</b>	<b>No title</b>
<b>YEAR OF EXECUTION:</b>	<b>2010</b>
<b>MATERIALS:</b>	<b>Mixed paint on concrete</b>

	Name of the sample	Original materials	No original materials	Pigments / dyes		Organic binders		Type of support*		Other**	
				Identification methods	Results	Identification methods	Results	Identification methods	Results	Identification methods	Results
1	Green paint layer background	x		ATR-FTIR	Calcite, silicates	ATR-FTIR Py-GC/MS	Styrene-Acrylic, Alkyd				
2	Red paint layer	x		ATR-FTIR	PY74	ATR-FTIR	Alkyd				
3	Pink paint layer	x		ATR-FTIR	Silicates, Ti white	ATR-FTIR Py-GC/MS	Styrene-Acrylic, Alkyd			ATR-FTIR	oxalates
4	Pale yellow paint layer	x		ATR-FTIR	PY74, Ti white, silicates	ATR-FTIR Py-GC/MS	Styrene-Acrylic, Alkyd				
5	Dark Yellow paint layer	x		ATR-FTIR	Calcite	ATR-FTIR	Styrene-Acrylic				
6	Dark blue paint layer	x		ATR-FTIR	Ti white	ATR-FTIR	Alkyd				
7	Light blue paint layer	x		ATR-FTIR	Silicates, calcite	ATR-FTIR	Alkyd				
8	Pale light blue paint layer	x		ATR-FTIR	Silicates, calcite	ATR-FTIR	Alkyd			ATR-FTIR	oxalates
9	White paint layer	x		ATR-FTIR	Talc, dolomite	ATR-FTIR	Undefined				

10	Purple paint layer	x		ATR-FTIR	PR84	ATR-FTIR	Alkyd				
10b	Cross section	x		See pictures below							
11	Cross Section	x									
12	Support (probably not the concrete, but the plaster preparation)	x						XRD	Quartz, calcite, Albite, Rutile, Barite		

\* mortars, stone, metal ect.

\*\* Additional research or analyzes, for example: aging tests, colorimetry, pH...