2023.419 BEGINDATUM: 2-MAR-2023 Conditierapport

Object in rapport opgenomen:	911 (KN&V)
Kunstenaar / Maker:	Anoniem
Object Naam / Titel:	kelkglas
Periode:	16e eeuw
Datum:	1600-1700
Materiaal en techniek:	glas, vrijgeblazen, vormgeblazen
Afmetingenlabel:	21 x 9,4 cm

Aanleiding conditierapport

Project

Rapportnummer 2023.419 ...

Onderzoeker Mandy Slager

Begindatum 02-03-2023 **Master Rapport**

Algehele toestand slecht

Behandeling Prioriteit behoeft onderzoek

Conserveringsrapport gerelateerde Personen / Instellingen (1)

Rol	Naam tonen als
Rapport opgesteld door	Mandy Slager

CONDITION CHECK

a. material information

a.1 material(s)	
a.2 manufacturing detail(s)	spiral shaped pattern of degradation could be related to aspects of the manufacturing process.

b. condition general

b.1 scratch(es) or abrasion	☑	* scratches related to use (but also microcracks related to glass instability - appear like cracks)
b.2 crack(s)	☐	
b.3 fracture(s)	☐	
b.4 lacuna(e)	☑	* lacuna in knob
b.5 dust, dirt or stain(s)	☑	*deposit on the foot: potentially related to use or cleaning action in the past (water) that resulte
b.6 other	☐	

SYMPTOMS OF ATMOSPHERIC DETERIORATION

c. potential symptoms

c.1 cloudy appearance (flecks or haze)	☑	* object was cleaned in 2013: cloudy appearance has returned
c.2 slippery surface	☑	
c.3 deposit - 1. fingerprint(s)	☐	
c.3 deposit - 2. dust	☑	* dust on surface might be related to stickiness of slippery surface.
c.4 possible colour alteration	☐	
c.5 other	☐	

d. stages of atmospheric deterioration

d.1 deposit - 1. droplets	☐	
d.1 deposit - 2. crystals	☑	* salts have been observed on the foot of the object in 2013
d.2 crizzling - 1. incipient	☑	* in cuppa and foot : incipient crizzling was observed in 2013, in cuppa spiral shaped accentuate
d.2 crizzling - 2. full-blown	☐	
d.2 crizzling - 3. advanced	☑	* severly crizzled glass of hollow knob in stem already flaky surface (almost in fragmented stage
d.2 crizzling - 4. fragmented	☐	

EXAMINATION AND ANALYSIS

e. examination and analysis

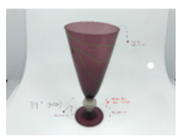
e.1 visual	☑	* visual examination on 25-08-2022
e.2 microscopy	☑	* characteristics examined with Dino LIte (AD 7013 MZT (R4) images taken (see mapping of locati
e.3 ultraviolet light	☐	
e.4 ion chromatography	☑	* Likely unstable: sampling and ic analysis executed by G.Verhaar and others on 17-09-2020: see
e.5 x-ray fluorescence	☐	
e.6 fractography	☐	
e.7 other	☐	

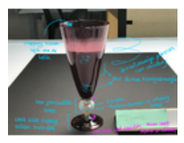
IMAGING

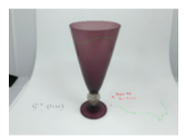
f. imaging

f.1 photography	☑
f.2 microscopy	☑
f.3 reflectance transformation	☐
f.4 annotated mapping	☑
f.5 other	☐

Verwante Media kruisverwijzingen - Conserveringsrapporten


911KNV_Annotatie_1
annotatie


911KNV_Annotatie
annotatie


911KNV_Annotatie_2
annotatie


911KNV_OR_01082023
onderzoek

TREATMENT

g. previous treatment

g.1 cleaning	☑	* object cleaned with demineralized water in 2013 * exterior surface of cuppa cleaned with dem
g.2 consolidation or adhesion	☐	
g.3 filling	☐	
g.4 other	☐	

h. suggestions (preventive) treatment

h.1 handling	☑	*because of severe condition handling instructions are recomended
h.2 support	☑	* stability of crizzled parts uncertain: extra support recommended
h.3 packing/transport	☐	
h.4 numbering	☐	
h.5 climate	☑	* keep up to date with state of the art knowledge on climate control of unstable glass
h.6 monitoring	☑	* recommended to check condition at regular intervals (also perhaps by means of IC analysis).
h.7 cleaning	☐	
h.8 other treatment	☐	
h.9 mounting/display	☐	
h.10 further research	☑	* further (analytical) research into chemical instability recommended.

COMMENTS

Comments - general

* attempts hav been made to study changes in condition by comparing the images taken by the Visual Art Box in 2013 and the current 2022 situation: cloudy appearance seems to be less. The argument could be made that after the cleaning actions of 2013 the cloudiness has not or to a much lesser degree developed again. The crizzling is apparent on the 2013 VAB images already. Further developement of the (micro) cracking pattern can not be determined.

* within the category objects that was sampled and analysed with IC by G. Verhaar in 2017/2022 this object showed the highest sodium concentration of all.

PROJECT

project

P.1049 4. ACTIEF Collectie en Onderzoek