ORGANIC RESEARCH

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GENERAL PHYSICAL CHEMISTRY
GROUP WORK REQUEST

DATE: 11-30-65

CHARGE - Job No.: 4661

REQUESTER: R. Street

LOCATION: 701

WORK REQUESTED OR ANALYSIS REQUIRED

G.L.C analysis. for Tetrachlorobenzene content. in samples of Tri-tetra Chlorobenzene.

1. 47625-1 lot A91353
2. 47625-2 "Control" supposed to be 49% Tetra.
3. 47625-3 – Sample of Tetrachlorobenzene.

REASON: The A lab has requested a release on A91353 for use in MCS395 a low visc hydraulic fluid. The gravity and viscosities of this lot of TTCB are low and I believe we received the wrong material from Hooker Chemical Co.

COMMENTS (e.g. Accuracy requirements, timing situation)

W Bldg. want to make MCS395.

SAMPLE INDENTIFICATION (notebook page numbers, lot numbers, dates, or other information that will be unequivocal indefintely.)

47625-1 TTCB lot A91353
47625-2 TTCB lab matl High Tetra 49 PCT Tetra.
47625-3 1,2,4,5 ~~TTCB~~ Tetrachlorobenzene

SPECIAL INFORMATION (Data that will facilitate our work such as known solvents for molecular weight samples, melting point if properties in solid and liquid state are needed, maximum process temperature for thermal stability samples, boiling points for gas chromatography, chemical recation involved, etc.)

Unstable ____, *Explosive* ____, *Toxic* ____, *Stench* ____, *sublimes* ____, *Hygroscopic* ____, *Use dry box* ____

M. P. ____, *B.P.* ____ *mm, Solvents* ____

Other ____

DSW 298256

O-627

STLCOPCB4068167

This side to filled in by general physical chemistry group

REPORT OF RESULTS

DATE 12-1-65

TO:

CC:

	47625-1	47625-2
L.B.	1.2%	2.5%
Tri	65.5	40.1
Tetra+Penta	33.1 {27.8 - Tetra, 5.3 Penta}	57.2 {48.1 - Tetra, 9.1 - Penta}
H.B.	0.2	0.2

DSW 298257

G. Gasser

SIGNATURE

STLCOPCB4068168