

TABLE IX. Investigations of SO₂-Manganese-O₂ Aqueous Systems

| Investigators | Type of System | Comment |
|---------------------------------------|-----------------------------|---------|
| Titoff (1903) | Bulk | 2 |
| Johnstone (1931) | Bubbler | 1,2 |
| Hoather and Goodeve (1934) | Bulk | 2 |
| Bassett and Parker (1951) | Bulk | 2 |
| Johnstone and Coughanowr (1958) | Supported droplet | 1,2 |
| Neytzell-de Wilde and Taverner (1958) | Bulk | 2 |
| Johnstone and Moll (1960) | Free droplets | 2 |
| Coughanowr and Krause (1965) | Bulk and flow | 2 |
| Bracewell and Gall (1967) | Bubbler | 1 |
| Matteson et al. (1969) | Free and supported droplets | 3 |
| Cheng et al. (1971) | Supported droplets | 1 |

1. Incompletely characterized 2-phase system; results may not be reliable.
2. Rate expression not reported.
3. Results are biased due to continued reaction (supported) droplets on filter sampler; rate expression cannot be considered to be reliable.