may have been made. There is a slight preference for the
expression for the results of Neytzell-de Wilde and Taverner
(1958) because: (1) they measured the rate of disappearance
of S(IV) by direct chemical means, and (2) the period of observation

TABLE 2-6. Investigations of SO_2 - Manganese - O_2 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 cannot be considered to 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.