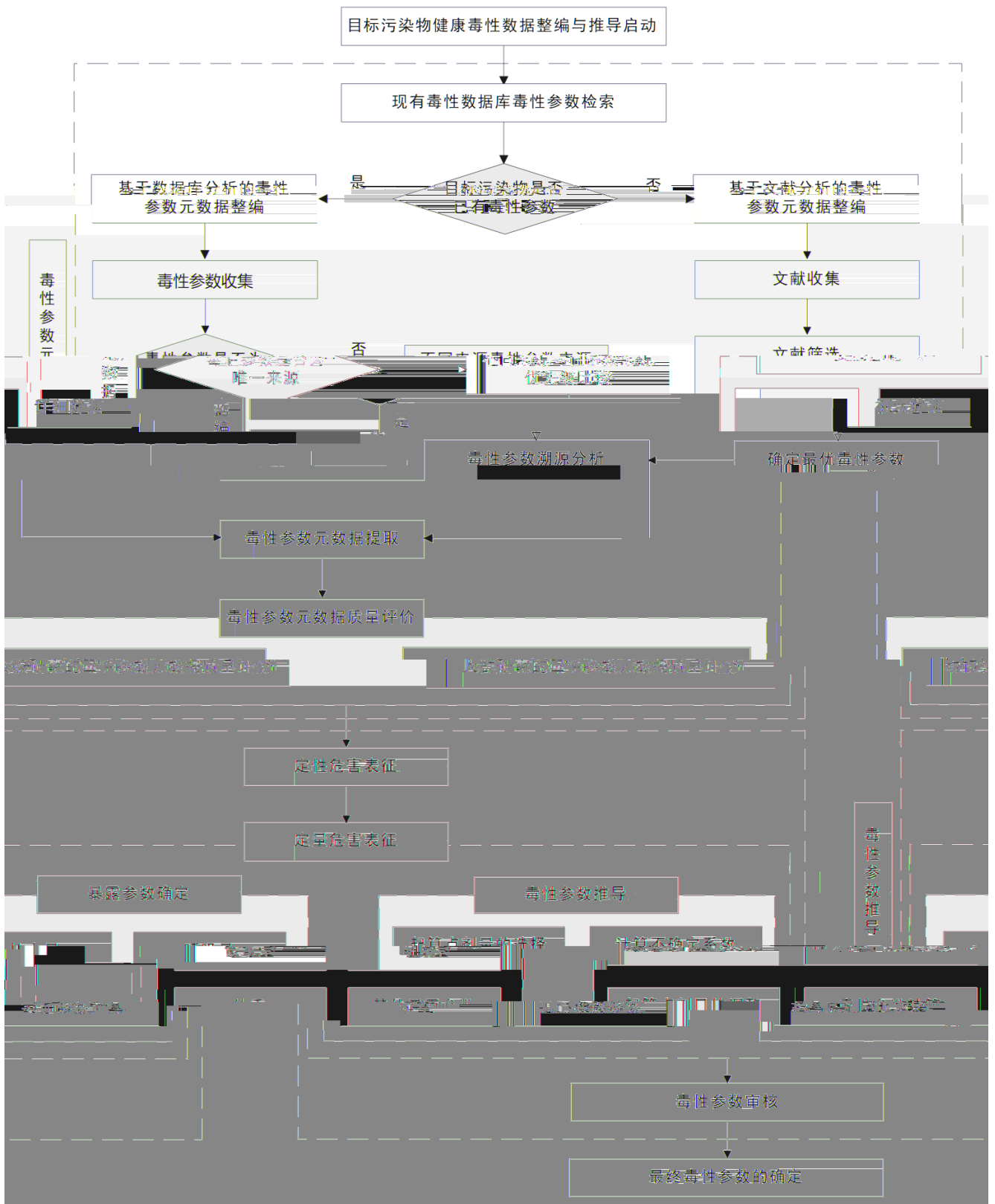

A
B
C
D
E

-



POD
NOAEL
LOAEL

BMDL
NOAEL

NOAEL
BMDL
BMDL
LOAEL

A

B

		Oral Slope Factor	SF _o	[mg/(kg·d)] ⁻¹	1.5	1995	IRIS
		Inhalation Unit Risk	IUR				

Oral slope factor [mg/(kg·d)] ⁻¹			
	EPA	EPA Cancer Classification	A
		Tumor site	
		Tumor type	
		Species	
		Extrapolation method	
		Reference	Tseng, 1977 Tseng et al., 1968
Inhalation Unit Risk (µg/m ³) ⁻¹			
	EPA	EPA Cancer Classification	A
		Tumor site	
		Tumor type	
		Species	
		Extrapolation method	
		Reference	Brown and Chu 1983a,b,c Lee-Feldstein, 1983 Higgins, 1982 Enterline and Marsh, 1982
Oral Chronic Reference Dose [mg/(kg·d)]			
		System(s)	
		Critical effects	
		POD	NOAEL: 0.0008 mg/(kg·d)
		Species	
		Uncertainty Factor	3
		Modifying factor	1
		Confidence Level	
		Reference	Tseng, 1977 Tseng et al., 1968
Inhalation Chronic Reference Concentration mg/m ³			
1		System(s)	/

		Critical effects	
		POD	LOAEL 2.27 µg/L
		Species	
		Uncertainty Factor	30
		Modifying factor	
		Confidence Level	
		Reference	Wasserman et al., 2004 Tsai et al., 2003
Oral Acute Reference Dose [mg/(kg·d)]			
		System(s)	
		Critical effects	
		<i>POD</i>	LOAEL 0.05 mg/(kg·d)
		Species	
		Uncertainty Factor	10
		Modifying factor	
		Confidence Level	
		Reference	Mizuta et al., 1956
Inhalation Acute Reference Concentration mg/m ³			
		System(s)	/
		Critical effects	
		<i>POD</i>	LOAEL 0.26 mg/m ³ As ₂ O ₃ (As 0.197 mg/m ³)
		Species	
		Uncertainty Factor	1000
		Modifying factor	
		Confidence Level	
		Reference	Nagymajtenyi et al., 1985

C

..... (C.1)

POD ——— mg/(kg·d)
——— mg/kg
——— kg/d L/d
——— kg

..... (C.2)

POD ——— mg/m³
——— ppm
——— g/mol
——— 25°C m³/mol

— - (C.3)

POD_{adj} ——— mg/(kg·d) mg/m³
POD ——— mg/(kg·d) mg/m³
——— h
24 ——— h d
7 ——— d
-

— - (C.4)

POD_{HEC} ——— mg/(kg·d)
POD_{adj} ——— mg/(kg·d)
BW ——— kg
———
A ———

.....(C.5)

POD_{HEC} —
 POD_{adj} —
—

mg/m^3
 mg/m^3

— — —.....(C.6)

—
—
—
—
—
—
 A —

L/min

cm^2

— — —.....(C.7)

$RDDR_t$ —
—
—
—
—
 A —

kg

L/min

.....(C.8)

A —
—
—

mg/m^3
 mg/m^3

— — —.....(C.9)

—
—
—

cm^2

A —
—
—

L/min

..... (C.10)

$H_{b/g}$ —
—
—
 H —
1

-

-

1

-

D

UF_H	
UF_A	
UF_S	$NOAEL$
UF_L	$LOAEL$ $LOAEL$ $NOAEL$ POD $LOAEL$ $NOAEL$
UF_D	POD

4

UF

-

UF

.....(D.1)

UF —
 A —
—
—
—
—

E

RfD

..... (E.1)

mg/(kg·d)

mg/(kg·d)

RfC

..... (E.2)

mg/m³

mg/m³

A _____

A _____

DUR —
—
—
—

kg

L/d

($\mu\text{g/L}$)⁻¹

[mg/(kg·d)]⁻¹

