

Nomenclature:	Colloidal Bismuth Subcitrate (CBS) Tripotassium Dicitrate Bismuthate (TDB)
Formula:	$\text{Bi}_6 \text{K}_{11} \text{N}_6 \text{C}_{48} \text{H}_{69} \text{O}_{64}$
CAS Number:	57644-54-9
EINECS Number:	260-872-5

### Chemical Data:

	Specification
Identities	positive
Colour, appearance	white powder
Odour	ammoniacal
pH	6.0 – 8.0
Loss on drying	max. 5.0 %
Colour of solution	< Y5
Bismuth oxide, wet	38.2 – 40.6 %
Potassium, wet	10.9 – 12.7 %
Ammonia, wet	2.0 – 6.0 %

### Morphological and Physical Data:

	Specification	Typical value
Particle size:		
d50 (Helos/Rodos)		10 – 20 $\mu\text{m}$
Appearance		white powder
Solubility		soluble in water
Tapped density		appr. 0.7 $\text{g}/\text{cm}^3$
Molecular weight	3438	

### Regulatory Information:

BSE/TSE	Product does not contain ingredients or is produced by raw materials of animal origin
GMO	Product does not contain ingredients or is produced by raw materials containing GMOs
Residual solvents	Product does not contain residual solvents
REACH	Product is preregistered acc. to REACH-regulation

### Particle Size Distribution:

