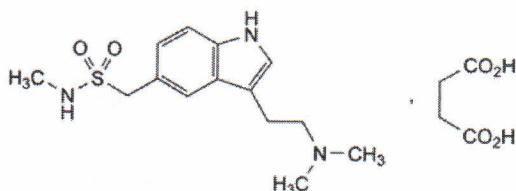


Batch no	WT202406Q01
Mf date	Jun 08 2024
Expiry	Jun 07 2027

Molecular Structure



Molecular Formula $C_{18}H_{27}N_3O_6S$
Molecular Weight 413.5
CAS Registry Number 103628-48-4

Jun 28 2024

Tests	Specifications	Results
Appearance	White or almost white powder	White powder
Solubility	Freely soluble in water, sparingly soluble in methanol, practically insoluble in methylene chloride	Conforms
Identification	IR	Positive
pH	4.5 ~ 5.3	4.6
Absorbance	≤ 0.1	< 0.1
Impurity A	$\leq 0.6\%$	0.08%
Impurity H	$\leq 0.3\%$	0.03%
Related substances	Impurity B	$\leq 0.5\%$
	Impurity C	$\leq 0.5\%$
	Impurity D	$\leq 0.5\%$
	Impurity E	$\leq 0.1\%$
	Any individual impurities	$\leq 0.1\%$
	Total impurities	$\leq 0.6\%$
Water	$\leq 1.0\%$	0.1%
Sulfated ash	$\leq 0.1\%$	0.02%
Residual solvents	Methanol	$\leq 0.3\%$
	Ethanol	$\leq 0.5\%$
	Ethyl acetate	$\leq 0.5\%$
Assay (oab)	97.5 ~ 102.0%	99.4%

Packaging & storage	Protected from light.
Conclusion	Material complies with EP9.0