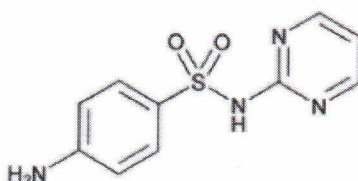


Batch no 240303-1
 Mf date Mar 08 2024
 Expiry Mar 07 2027
 Batch size 1,000 kg

Molecular Structure



Molecular Formula $C_{10}H_{10}N_4O_2S$
 Molecular Weight 250.28
 CAS Registry Number 68-35-9

Apr 10 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or off-white crystalline powder	Conforms
Solubility	Practically insoluble in water, slightly soluble in acetone, very slightly soluble in ethanol (96%). It dissolves in solutions of alkali hydroxides and in dilute mineral acids	Conforms
Identification	Test A, B, C	Positive
Residue on ignition	$\leq 0.1\%$	0.03%
Selenium	≤ 30 ppm	< 30 ppm
Loss on drying	$\leq 0.5\%$	0.32%
Melting point	$\leq 255^{\circ}C$	$< 255^{\circ}C$
Acidity	≤ 0.20 mL	0.10 mL
Color of solution	The solution is not more intensely coloured than reference solution Y5, BY5 or GY5	Conforms
Chlorides	$\leq 0.01\%$	$< 0.01\%$
Related substances	Single impurity $\leq 0.5\%$	$< 0.5\%$
Assay (odb)	98.0 ~ 102.0%	99.7%

Packaging & storage	Preserve in well-closed, light-resistant containers
Conclusion	Material complies with USP43 standard