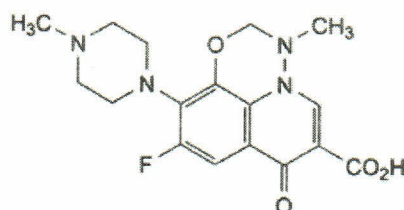


Batch no 251203S
Mf date Dec 18 2025
Retest Dec 17 2030
Batch size 250.9 kg

Molecular Structure



Molecular Formula $C_{17}H_{19}FN_4O_4$

Molecular Weight 362.4

CAS Registry Number 115550-35-1

Mar 26 2026

Tests	Specifications	Results
Appearance	Light yellow crystalline powder	Conforms
Solubility	Slightly soluble in water, sparingly soluble in methylene chloride, very slightly soluble in ethanol 96%	Conforms
Identification	IR	Positive
Absorbance	≤ 0.2 at 450 nm	0.04
Loss on drying	$\leq 0.5\%$ at 105°C, 4h	0.09%
Sulfated ash	$\leq 0.1\%$	0.02%
Heavy metals	≤ 20 ppm	< 20 ppm
Related substance (HPLC)	Impurity A $\leq 0.1\%$	ND
	Impurity B $\leq 0.1\%$	ND
	Impurity C $\leq 0.2\%$	0.01%
	Impurity D $\leq 0.2\%$	ND
	Impurity E $\leq 0.2\%$	ND
	Unspecified impurities $\leq 0.2\%$	0.01%
	Total impurities $\leq 0.5\%$	< 0.05%
Residual solvents (GC)	Ethanol ≤ 5000 ppm	212 ppm
	Toluene ≤ 890 ppm	260 ppm
	Methylene chloride ≤ 600 ppm	ND
Assay (odb)	99.0 ~ 101.0% of $C_{17}H_{19}FN_4O_4$	99.36%

Packaging & storage	Protected from light
Conclusion	Material complies with EP11