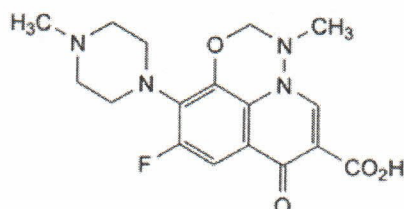


Batch no 241203S
Mf date Dec 24 2024
Retest Dec 23 2029
Batch size 247.5 kg

Molecular Structure



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

Molecular Weight 362.4

CAS Registry Number 115550-35-1

Jul 04 2025

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	0.05%
Sulfated ash	$\leq 0.1\%$	0.02%
Heavy metals	≤ 20 ppm	< 20 ppm
Related substance (HPLC)	Impurity A $\leq 0.1\%$ Impurity B $\leq 0.1\%$ Impurity C $\leq 0.2\%$ Impurity D $\leq 0.2\%$ Impurity E $\leq 0.2\%$ Unspecified impurities $\leq 0.2\%$ Total impurities $\leq 0.5\%$	ND ND 0.01% ND ND 0.01% < 0.05%
Residual solvents (GC)	Ethanol ≤ 5000 ppm Toluene ≤ 890 ppm Methylene chloride ≤ 600 ppm	232 ppm 203 ppm ND
Assay (odb)	99.0 ~ 101.0% of $C_{17}H_{19}FN_4O_4$	99.32%

Packaging & storage	Protected from light
Conclusion	Material complies with EP11