

Specification

Technical Data Sheet

Product Name	Flutamide (2-Methyl-N-(4'-nitro-3'-(trifluoromethyl)phenyl)propanamide)
Product No	12334304
CAS Number	13311-84-7
Storage Temperature	2 to 8 °C
Molecular Weight	276.21
	Specification
Appearance	Pale yellow crystalline powder
Identification	Conforms to reference
Loss on Drying	≤0.5%
Melting Point	110 -114°C
3-trifluoromethylisobutyranilide	≤0.2%
3-trifluoromethylaniline	≤0.2%

Specification

4-Nitro-3-trifluoroethylacetanilide $\leq 0.2\%$

4-Nitro-3-trifluoromethylaniline $\leq 0.15\%$

4-Nitro-3-trifluoromethylpropionanilide $\leq 0.2\%$

Assay $\geq 98.0 - 101.0\%$

Methanol (Residual solvent) $\leq 3000\text{ppm}$

o-Flutamide $\leq 0.2\%$

Residue on Ignition $\leq 0.1\%$

Heavy Metal $\leq 10\text{ppm}$

Total Impurities $\leq 0.4\%$

Total Unknown Impurities $\leq 0.1\%$
