

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38289
Lot Number	002197-220530
Product	Temozolomide 3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d][1,2,3,5]tetrazine-8-
CAS Number	85622-93-1
Molecular Formula	C ₆ H ₆ N ₆ O ₂
Molecular Weight	194.15

Appearance	Light pink powder
Heavy Metals	3 ppm
Water Content (Karl Fisher)	0.2%
Mould and Yeast	50 /g
Infrared Spectrum	Conforms to structure
Loss on Drying	0.3%
Residual Solvents	Ethyl acetate : 0.2% DMSO : 0.2% Ethanol : 0.1%
E. Coli	Not detected
Microbial Count	500 /g (Bacterial count)
Related Substances	2-Azahypoxanthine : 0.09%, Temozolomide related compound A : 0.05%, Temozolomide acid : 0.04%, Dacarbazine related compound A : 0.05%, Cyanotemozolomide : 0.05%, Max unknown single impurity : 0.09%, Total impurities : 0.3%
Residue On Ignition	0.09%
Purity by HPLC	99%
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager