

Certificate of Authenticity: Aniracetam

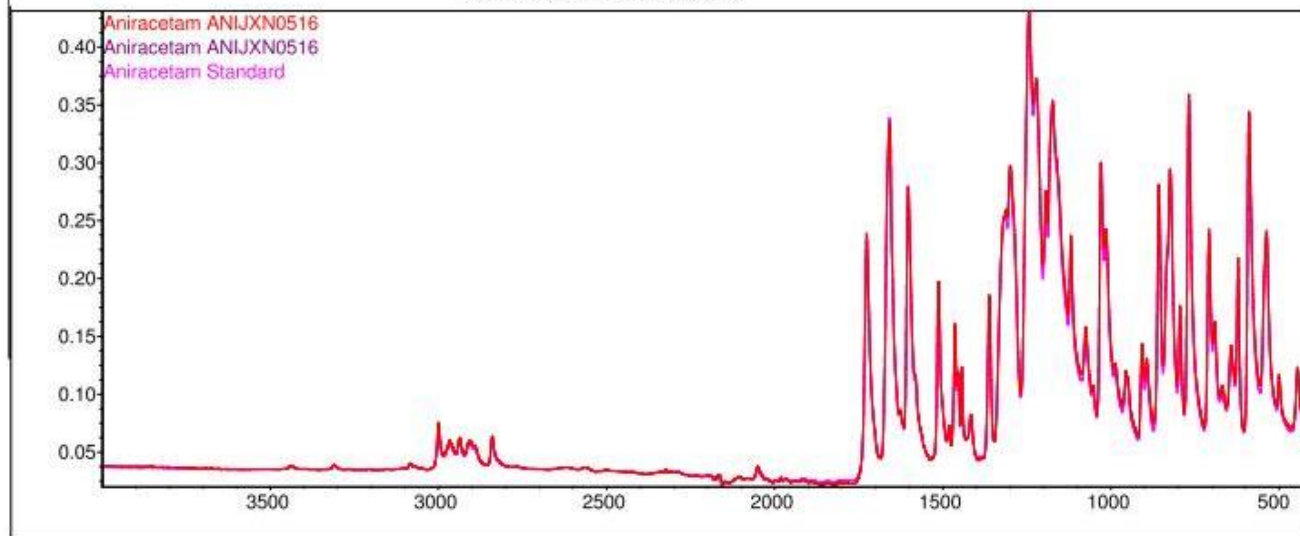
<b>Product Name</b>	Aniracetam	
<b>CAS</b>	72432-10-1	
<b>Batch Number</b>	ANICNTF0716	
<b>Production Date</b>	5/1/2016	
<b>Expiration Date</b>	5/1/2018	
<b>Validation Method</b>	FTIR, HPLC	
<b>Specification</b>	LC/MS, P-NMR	

Analysis	Specification	Result	Method
Appearance	White Fluffy Powder	Complies	Visual
Odor	Odorless	Complies	Organoleptic
Taste	Slightly Bitter	Complies	Organoleptic
Identification	(1)Spectrum	(1) Conforms	(1) FTIR
Specification	(1)Molecular Weight (2)Structure	(1) 219.237 g/mol (2) C <sub>12</sub> H <sub>13</sub> NO <sub>3</sub>	(1) LC/MS (2) P-NMR
Assay	≥99.0%	99.87%	HPLC
Conclusion	Product complies to specifications		

**ThermoFisher**  
SCIENTIFIC

Thu Jul 28 11:45:34 2016 (G)

Aniracetam ANIJXN0516



Number of sample scans: 64  
 Number of background scans: 64  
 Resolution: 4.000  
 Sample gain: 1.0  
 Optical velocity: 0.4747  
 Aperture: 100.00

Spectrum: Aniracetam ANIJXN0516

Region: 3999.71-401.13

Search type: Correlation

Hit List:

Index	Match	Compound name	Library
357	100.00	Aniracetam ANIJXN0516	HR ATR
399	99.88	Aniracetam ANIJXN0716	HR ATR
167	99.88	Aniracetam ANICPMX1014	HR ATR
14	99.82	Aniracetam Standard	HR ATR Centera
313	99.82	Aniracetam ANIJXN0316	HR ATR
376	99.81	Aniracetam ANIJXN0616	HR ATR
161	99.78	Aniracetam capsules ANICPMX1014	HR ATR
337	99.72	Aniracetam Capsules ANICS1041616	HR ATR
62	99.71	Aniracetam ANISYG0815	HR ATR