

CERTIFICATE OF ANALYSIS

Product Name: (3,4-Difluorophenyl) hydrazine hydrochloride

Chemical Structure:



Lot Number: 308603CS0042770

CAT Number: APL-8756645

CAS Registry Number: 875664-54-3

Manufacture Date: 04/2023

Expiry Date: 04/2025

Molecular Formula: C₆H₇ClF₂N₂

Molecular Weight: 180.58

Storage: 2-8°C

Analysis Data

Item	Specification	Results
Appearance	Off-white to pink (Solid)	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity (HPLC)	≥ 97.00 %	97.58 %

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

Jennifer LaBrecque 05/2023
Quality Assurance Manager

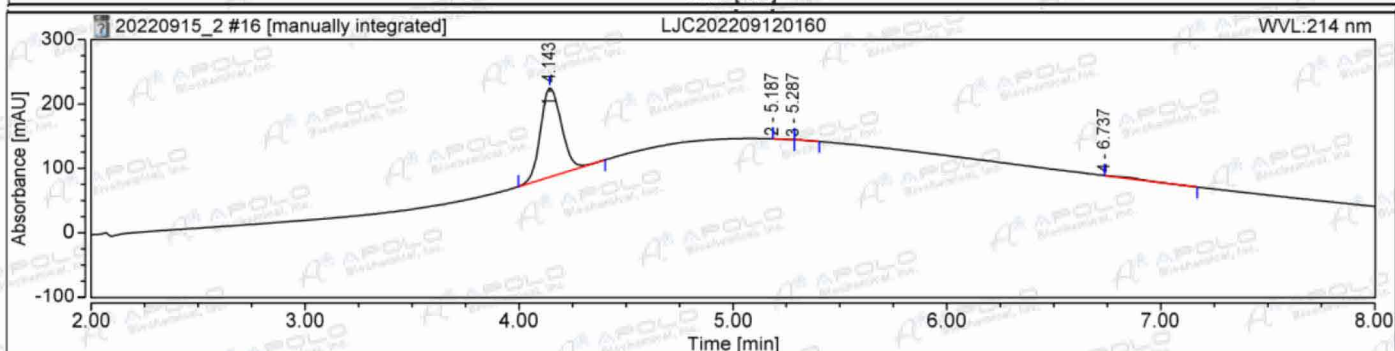
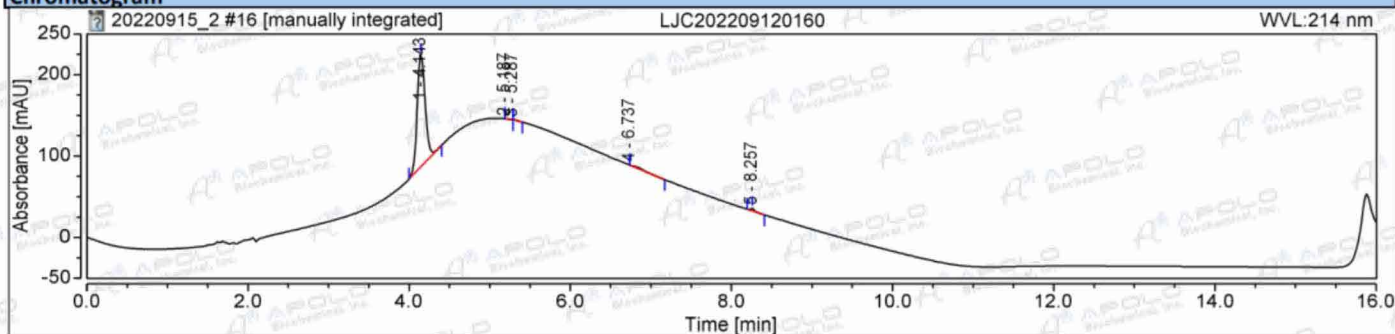
Conclusion: The above product meets the specifications of APOLO

Chromatogram and Results

Injection Details

Injection Name:	LJC202209120160	Run Time (min):	16.00
Vial Number:	BB4	Injection Volume:	2.00
Injection Type:	Unknown	Channel:	UV_VIS_1
CAS NO.:	875664-54-3 A-RP-427	Wavelength:	214
Instrument Method:	10-90A	Bandwidth:	4
Processing Method:	3D Quantitative	Dilution Factor:	1.0000
Injection Date/Time:	15/Sep/22 21:41	seq.update_operator	JZQ4027
seq.creation_operator	HLL3729	instMeth.creation_operator	ZQQ793
injection.dilution_factor	1.0000	rdf.update_operator	JZQ4027
instMeth.creation_time	22/Aug/2022 15:31		
chm.rawpath	chrom://hy1377/XVault/HPLC-149/111/20220915_2.seq/400.smp/UV_VIS_1.channel/UV_VIS_1.chm		

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area mAU*s	Height mAU	Relative Area %	Resolution (USP)	Match	S/N
1		4.143	933.7450	137.920	97.5856	n.a.	1000	14.3
2		5.187	0.5159	0.000	0.0539	n.a.	1000	n.a.
3		5.287	1.7493	0.000	0.1828	n.a.	1000	n.a.
4		6.737	10.7849	0.000	1.1271	n.a.	0	n.a.
5		8.257	10.0522	3.160	1.0506	n.a.	992	8.5
Total:			956.8473	141.080	100.0000		3992	

