



Certificate of Analysis

Date Issued: March 9, 2015

Analysis Results Issued To: Catherine and Karin Smith – Northern Girl Hops

Brewing Values and Moisture

Sample ID	Analysis Date	Variety	Description	Alpha Acids	Beta Acids	HSI
H150063	3/9/2015	Centennial	Sample 1 Northern Girls Hops	6.4	3.8	0.178
H150064	3/9/2015	Cascade	Sample 2 Northern Girls Hops	3.9	4.0	0.109
H150065	3/9/2015	Golding	Sample 3 Northern Girls Hops	5.4	3.4	0.132

Method of Analysis

ASBC Hops 6a – α -acids/ β -acids by Spectrophotometry

ASBC Hops 12 – Hop Storage Index (H.S.I.)

Issued By

Ashley Trenkenschuh
Alpha Analytics Laboratory Supervisor